

Dr. Ann Kinney
MS, PhD / Senior Research Scientist
Minnesota Department of Health

- Statewide consultant for local public health agencies in Minnesota for data and statistical needs, in particular for **survey data**
- Local surveys: how to *conduct* them
 - Assistance with all phases of survey development and administration
- Existing survey data: where to *find* them
- How to *use* survey data





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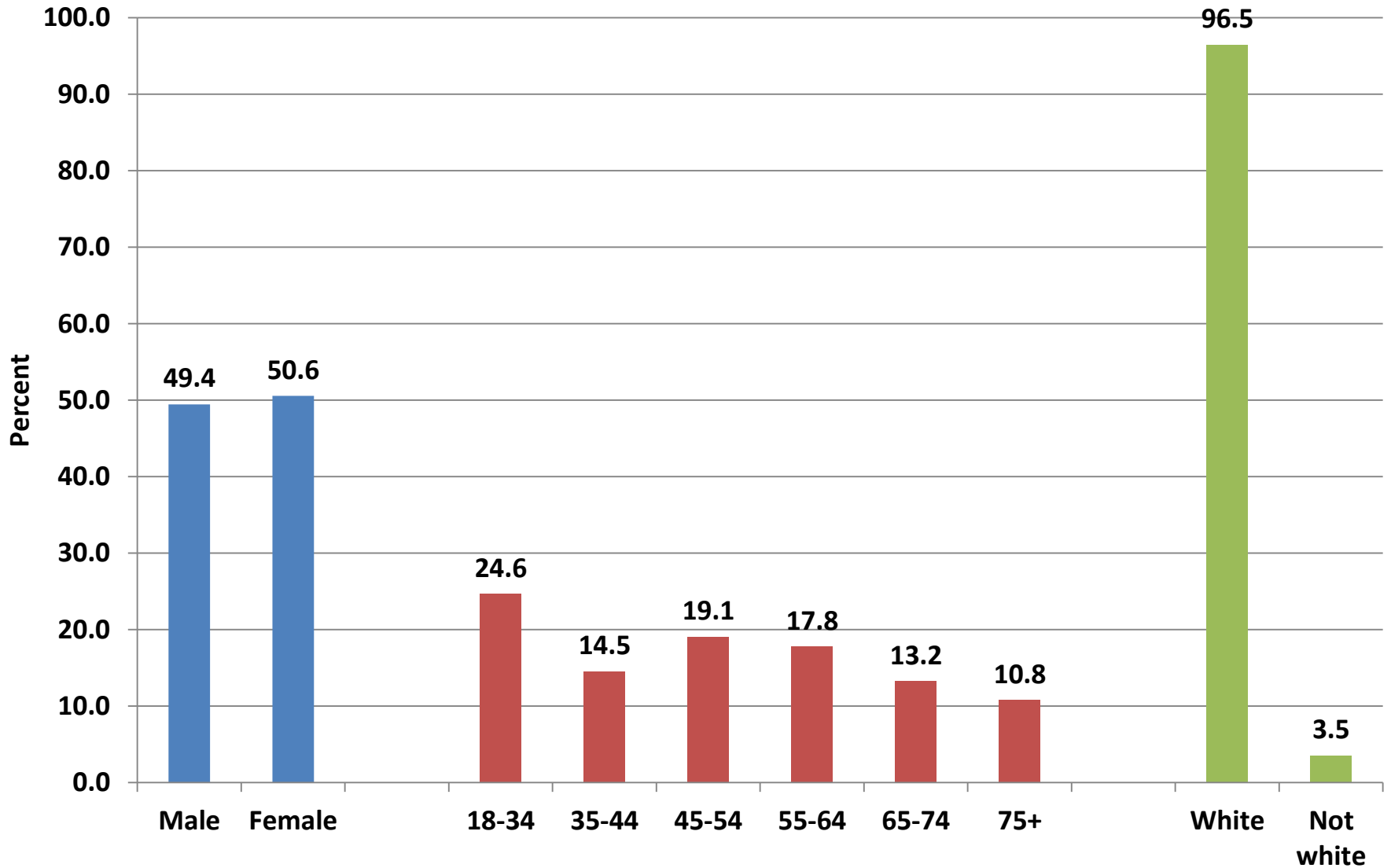


Survey Background

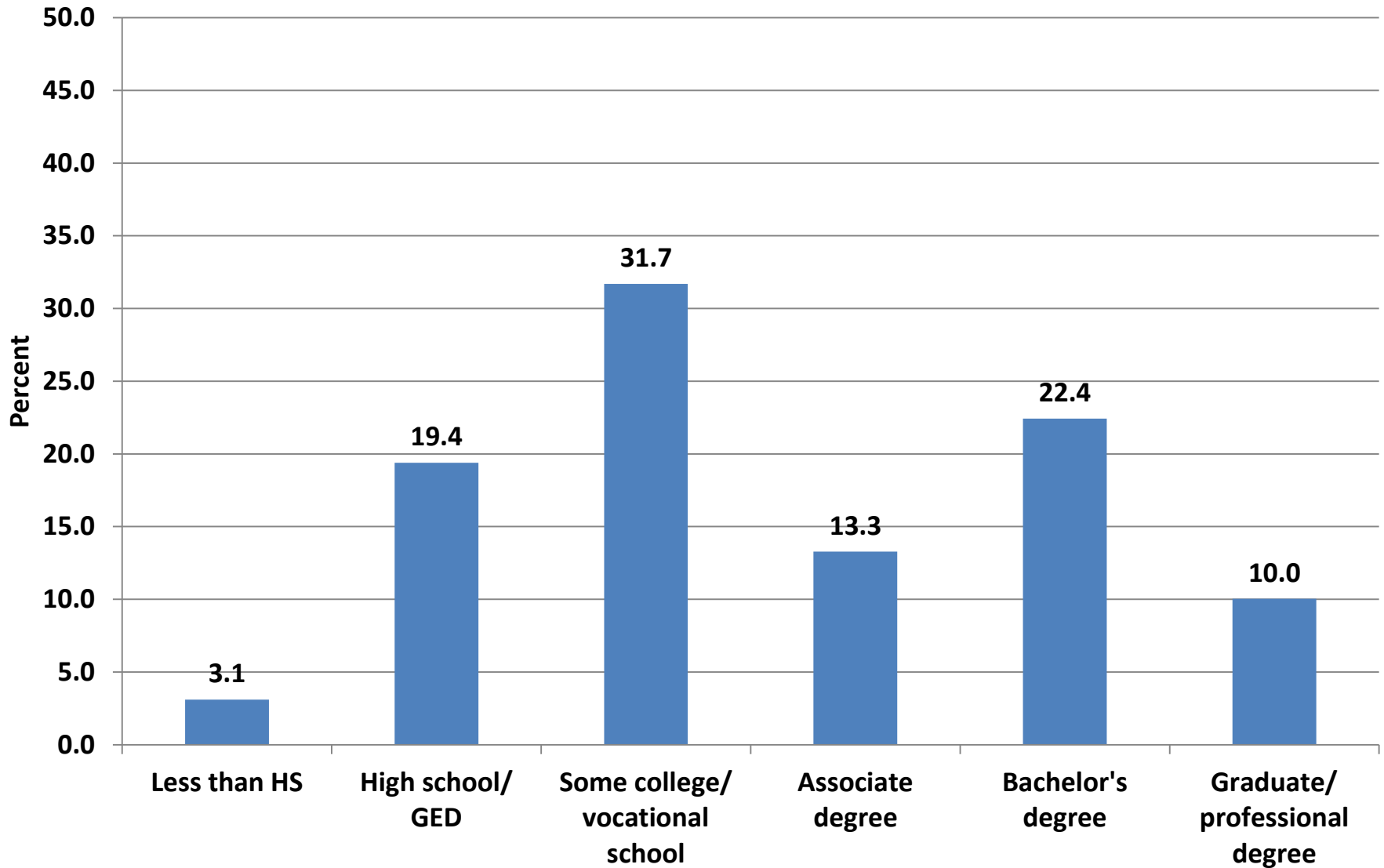
- Crow Wing County Community Health Survey
- One-time supplemental funding from MDH SHIP program to all grantees statewide for community survey
- Additional funding from Essentia Health to increase sample size in Crow Wing County
- Survey instrument developed by CWE coordinator and MDH consultant with assistance from Essentia Health and Crow Wing County Community Health staff. Many items selected have been used in other county-level public health surveys in Minnesota.

- Probability sample; two-stage sampling strategy used
- Address-based sampling; “most recent birthday” method of within-household respondent selection
- Mail survey: survey packets mailed to 2400 Crow Wing County addresses
- Two copies of scannable questionnaire sent with postcard reminder in between
- 764 completed surveys received; 32% response rate
- Data statistically weighted to account for sample design and differential response by gender and age

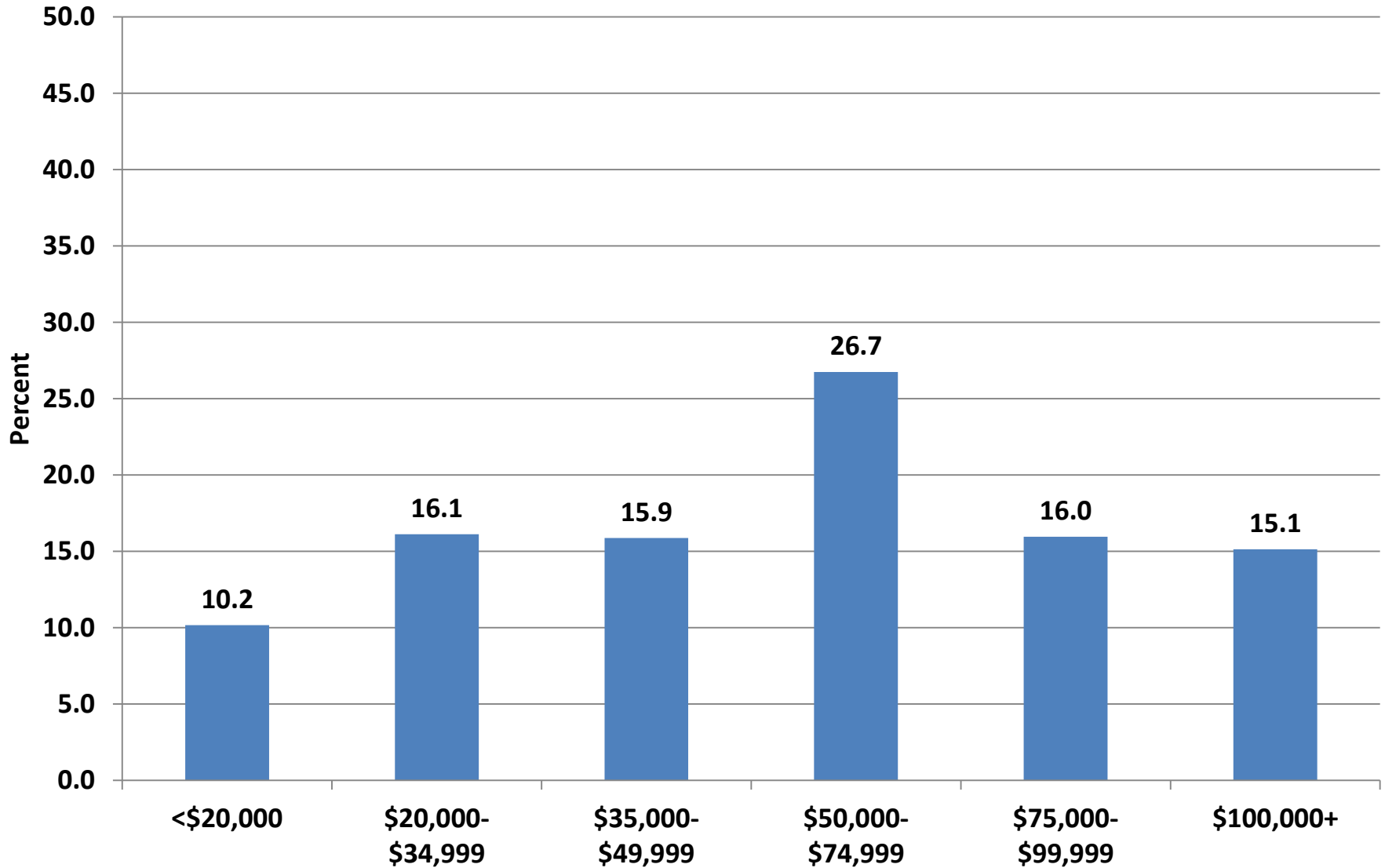
Selected demographic characteristics (weighted) Crow Wing County adults, 2014



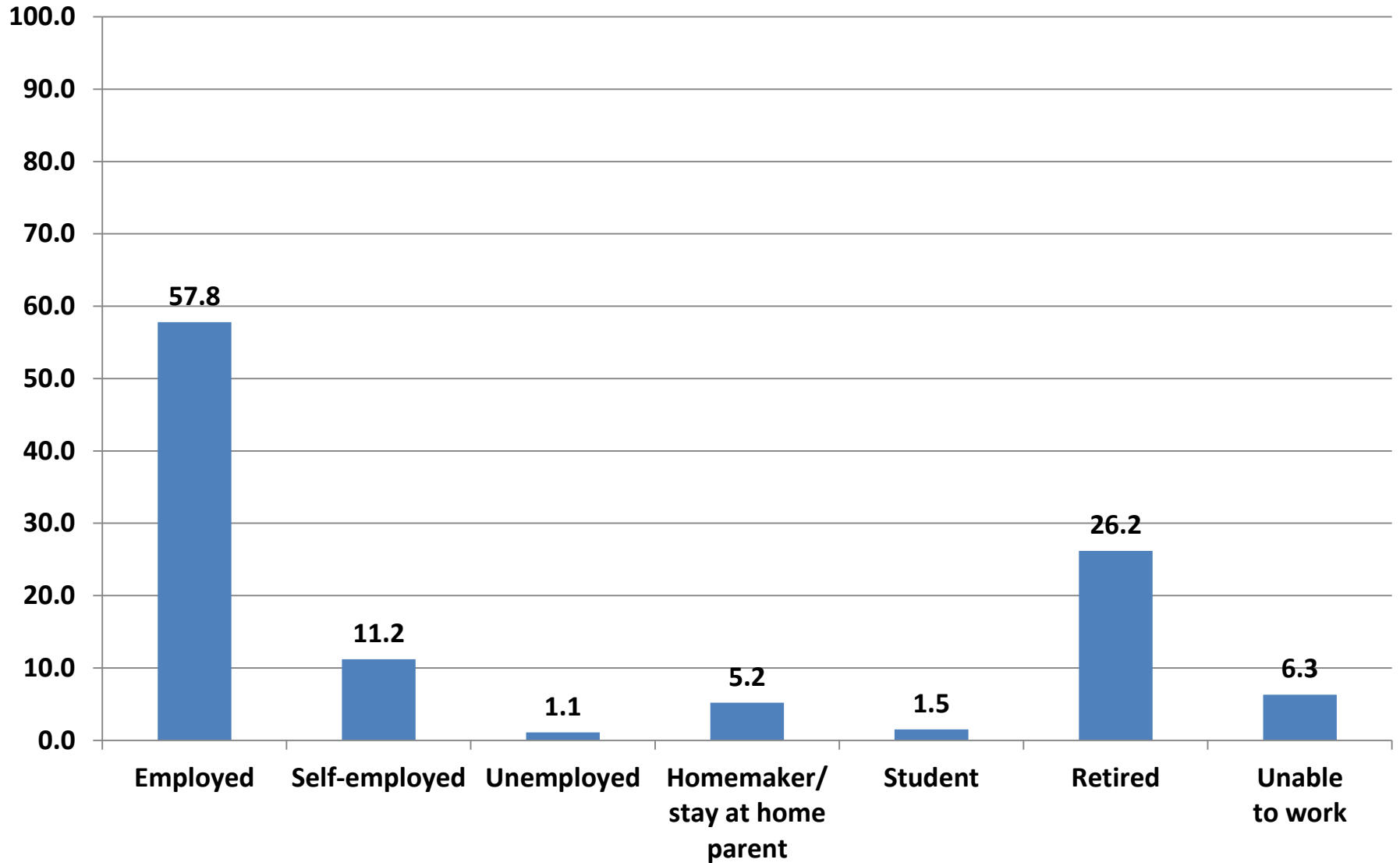
Educational status (weighted) Crow Wing County adults, 2014



Income status (weighted) Crow Wing County adults, 2014



Employment status (weighted) Crow Wing County adults, 2014





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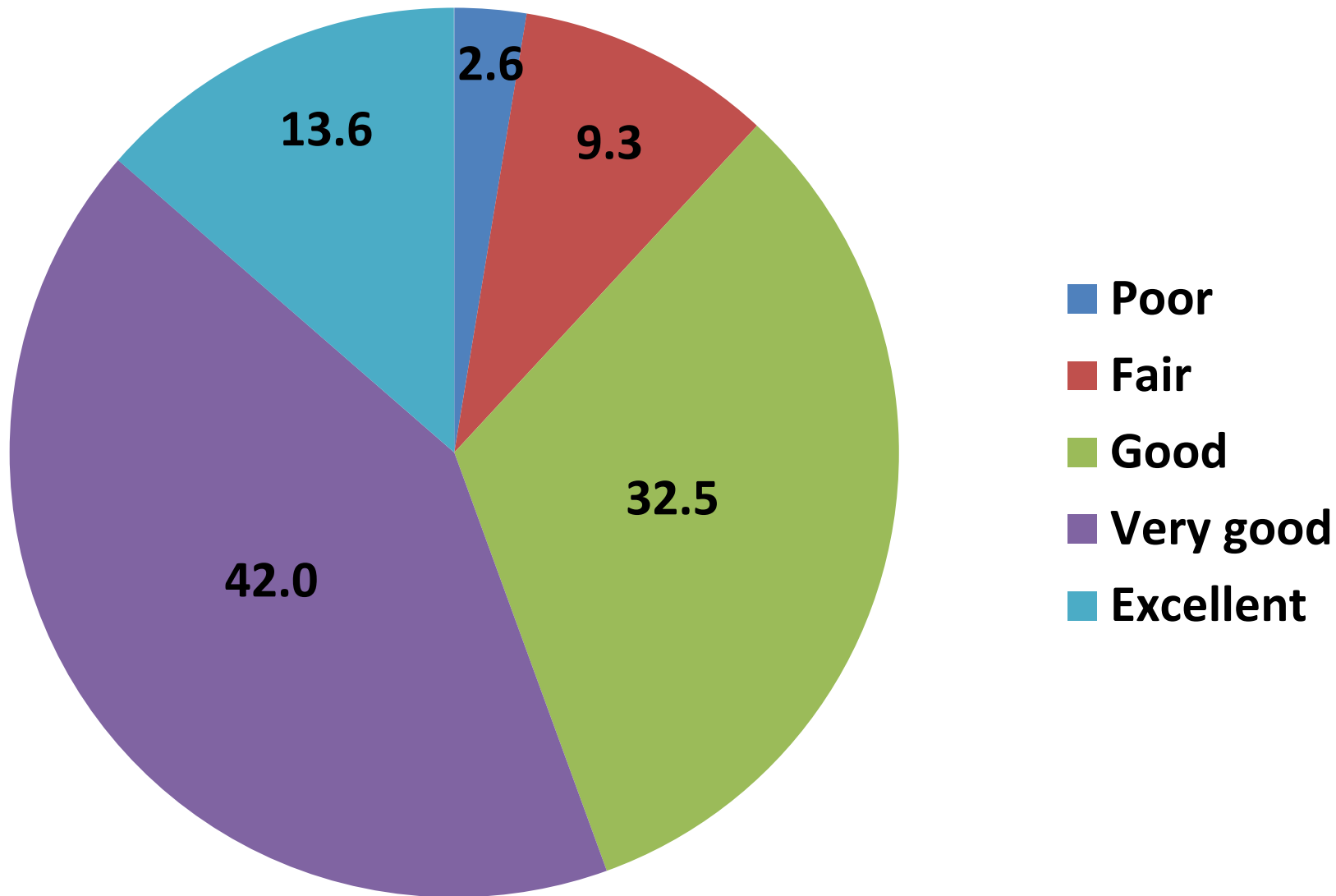
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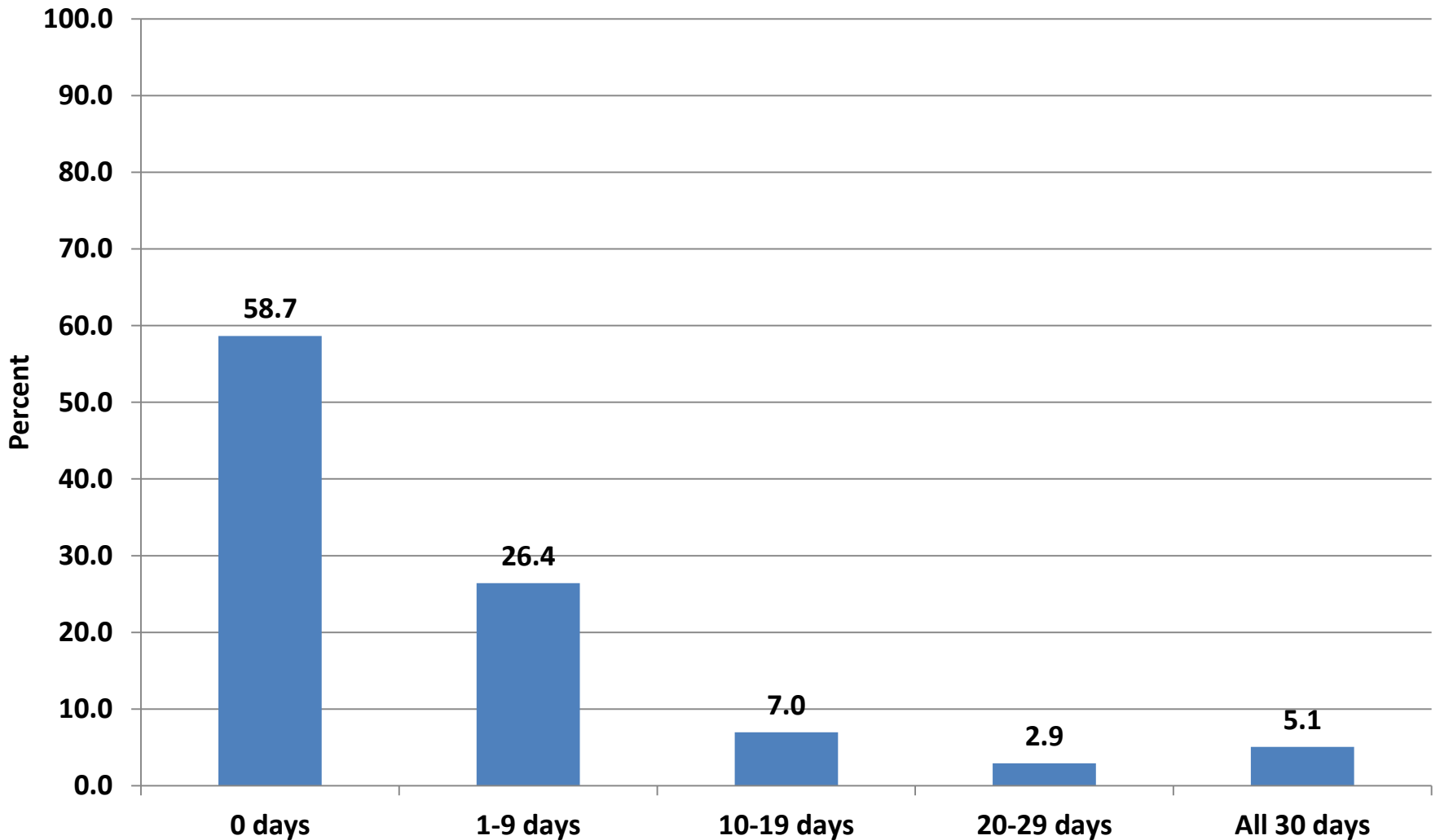
General Health Status and Chronic Conditions

Self-rated health status

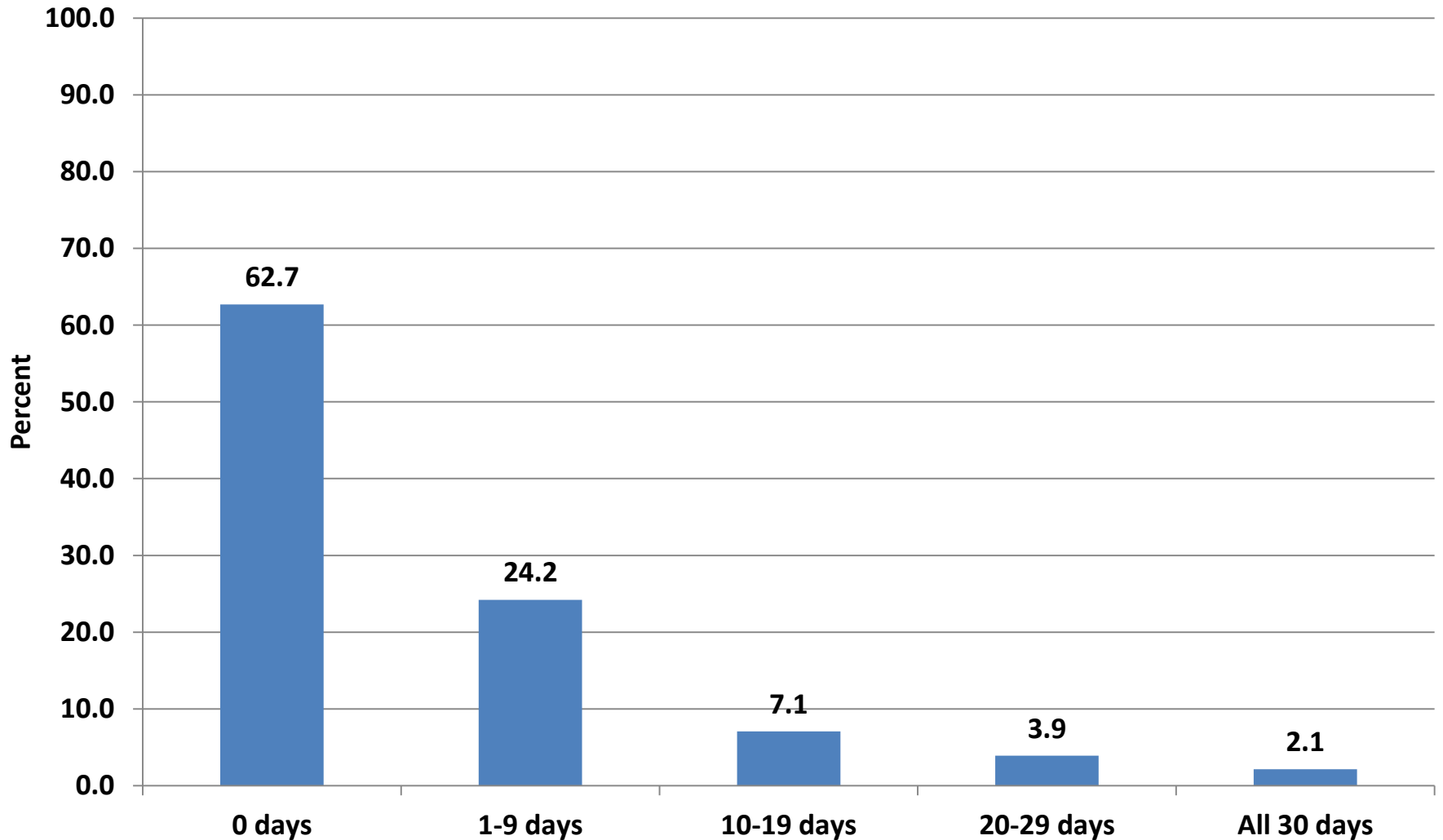
Crow Wing County adults, 2014



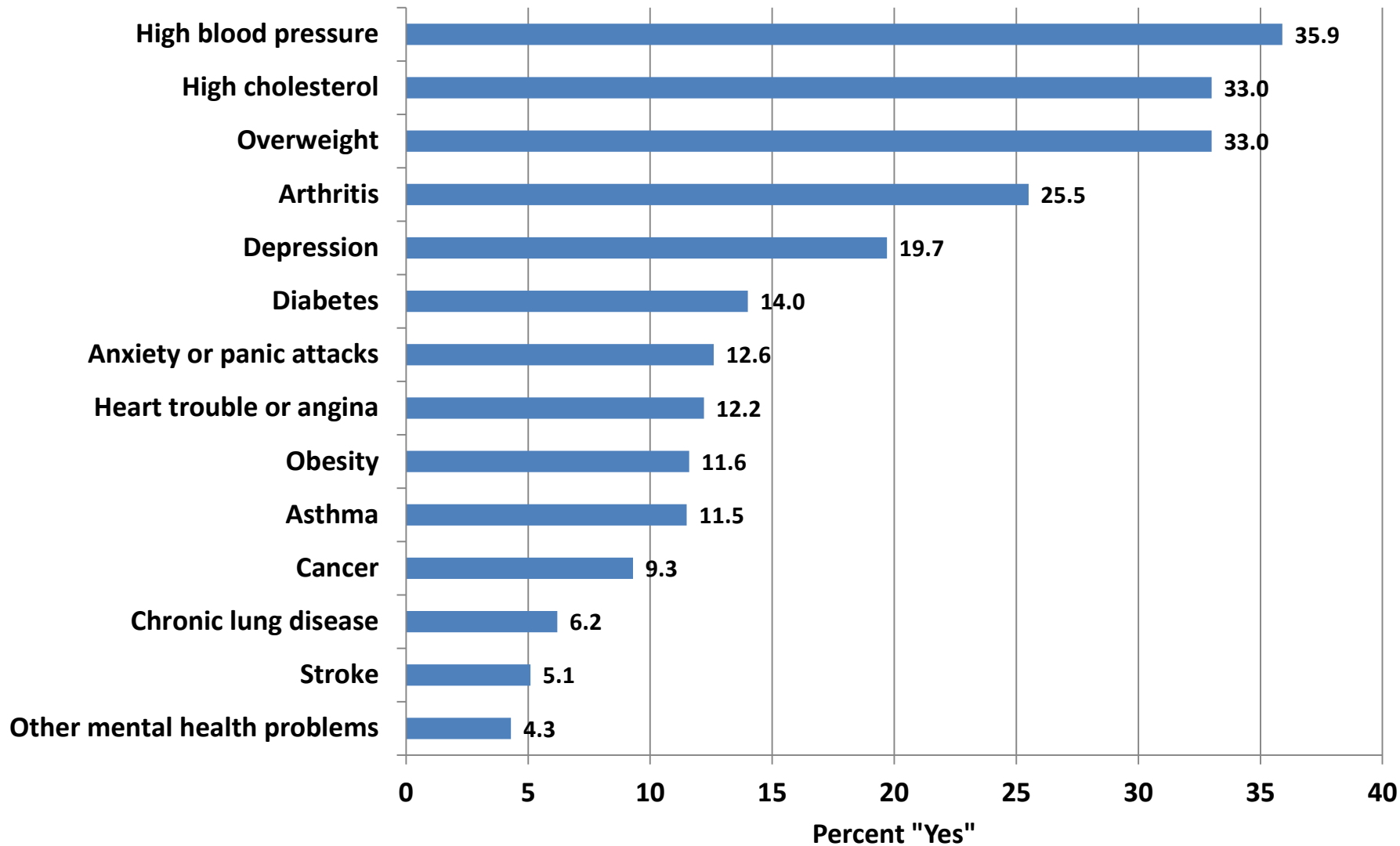
Number of days during the past 30 days that physical health was not good, Crow Wing County adults, 2014



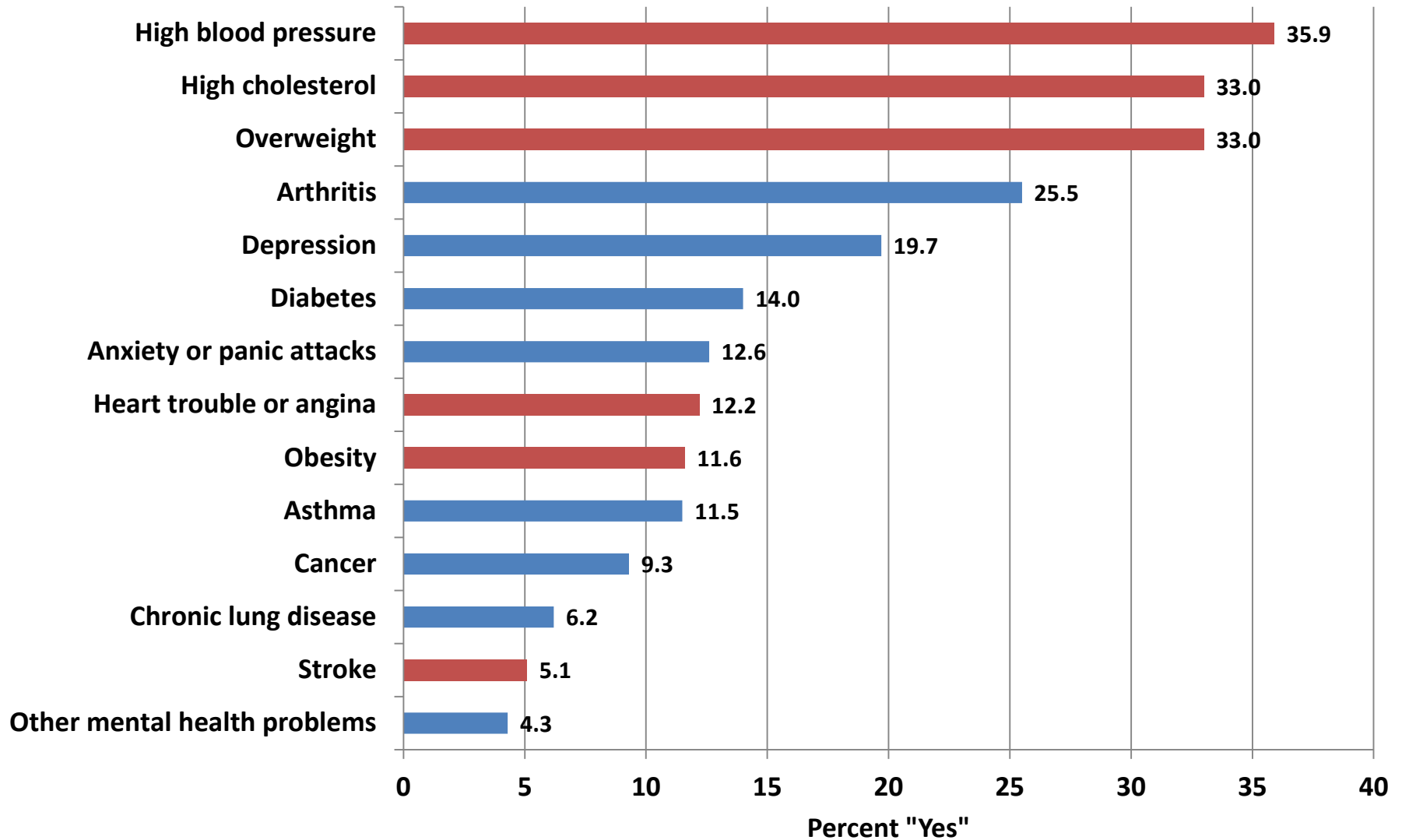
Number of days during the past 30 days that mental health was not good, Crow Wing County adults, 2014



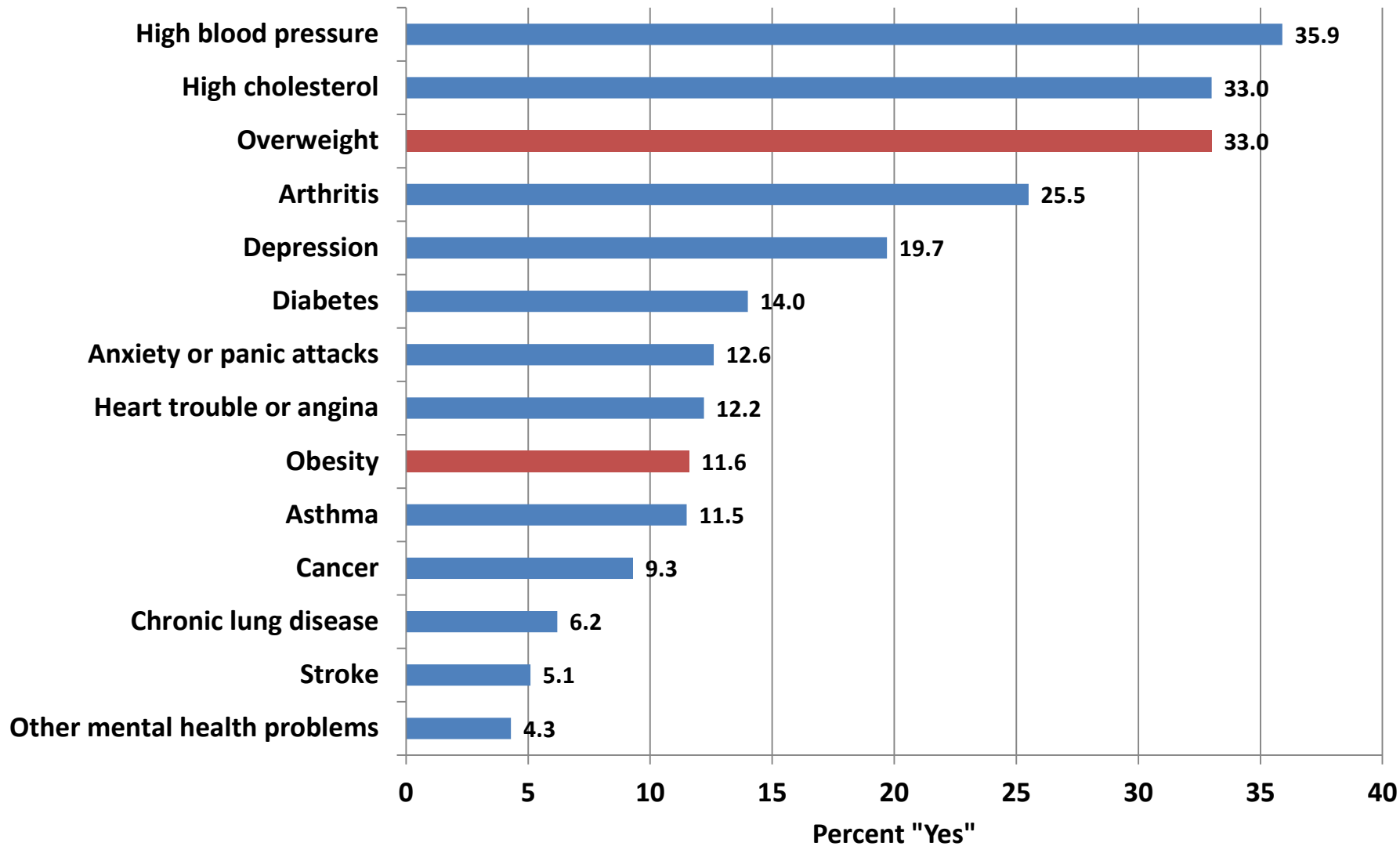
Have you ever been told by a health professional that you had any of the following health conditions?



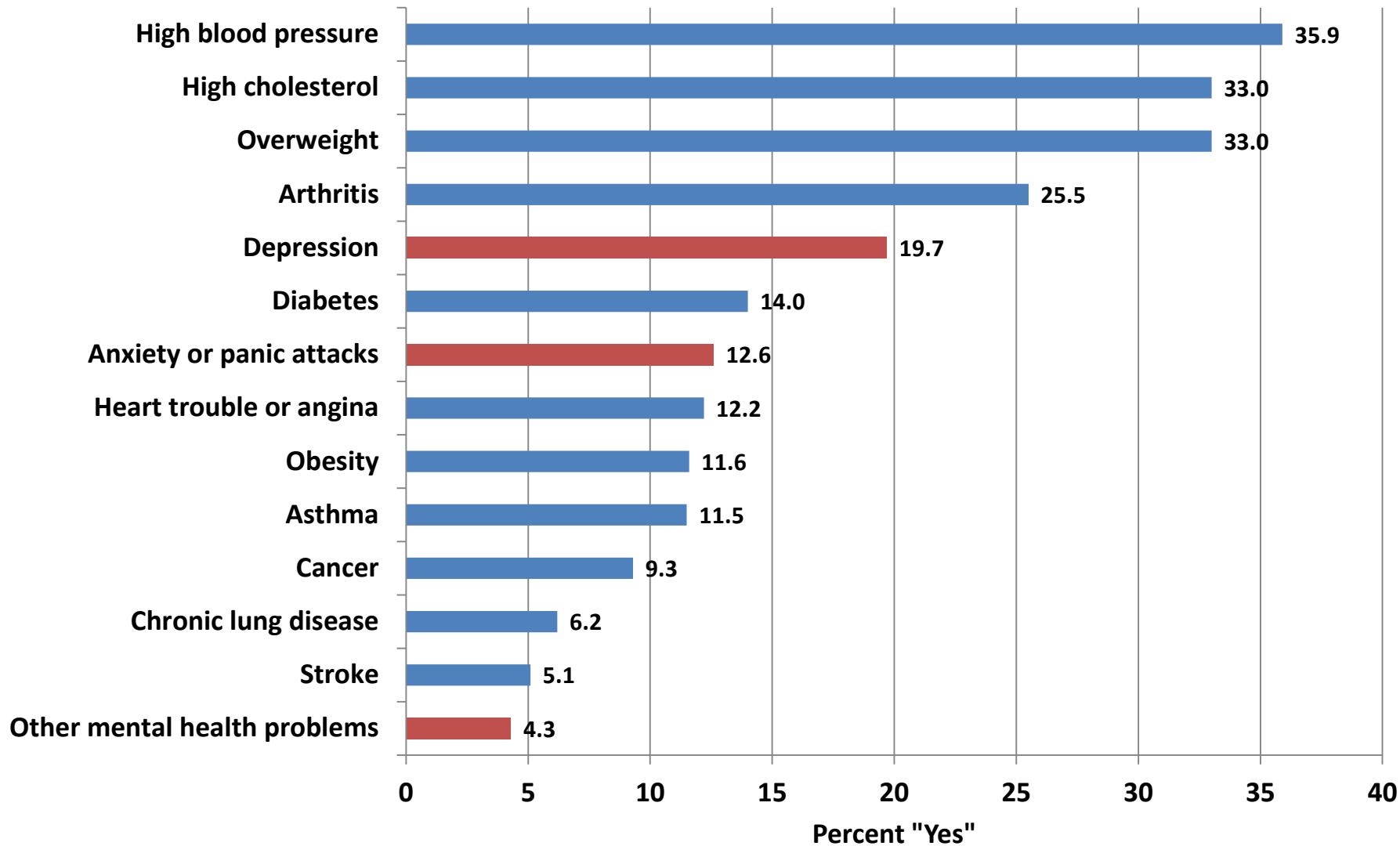
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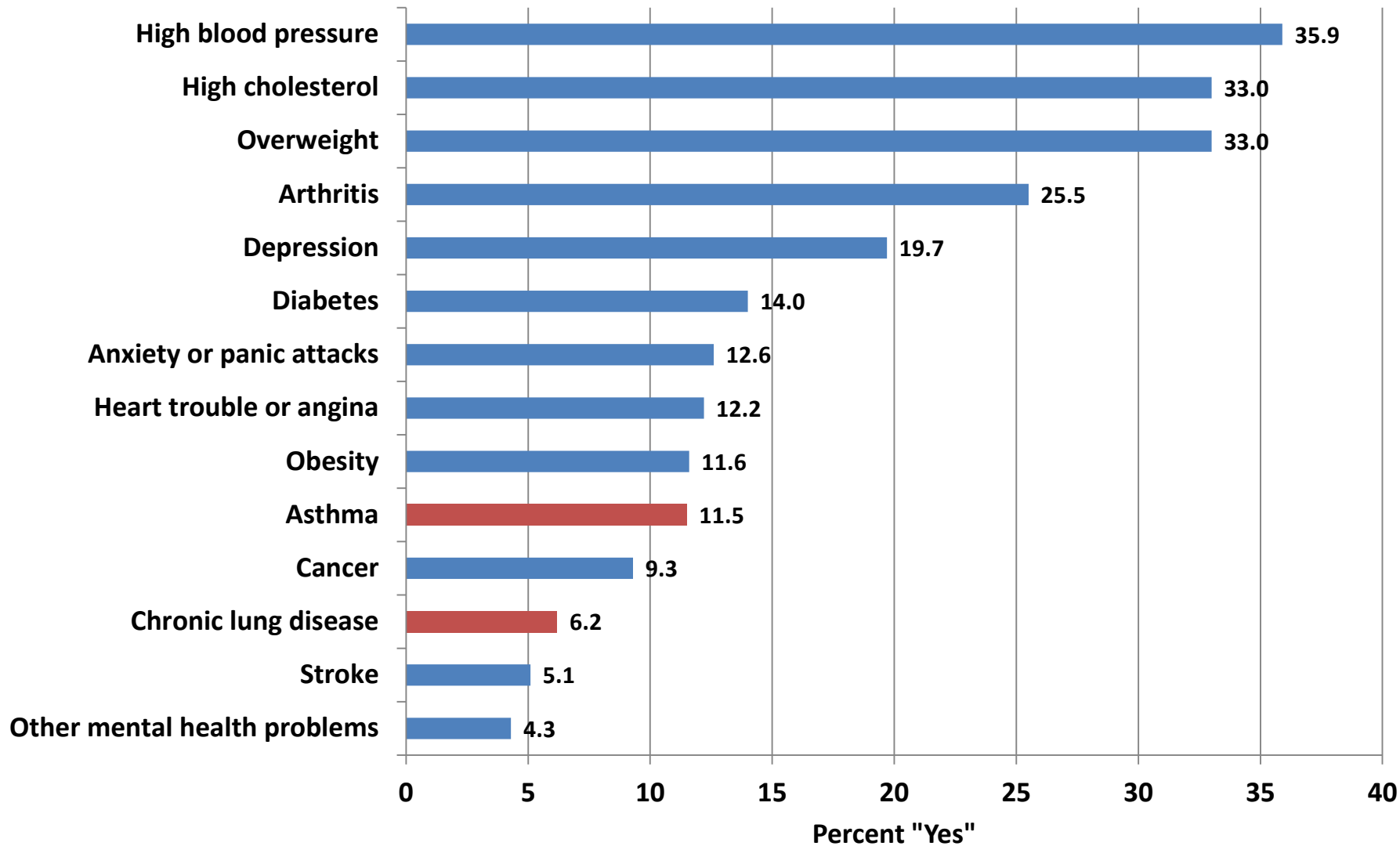
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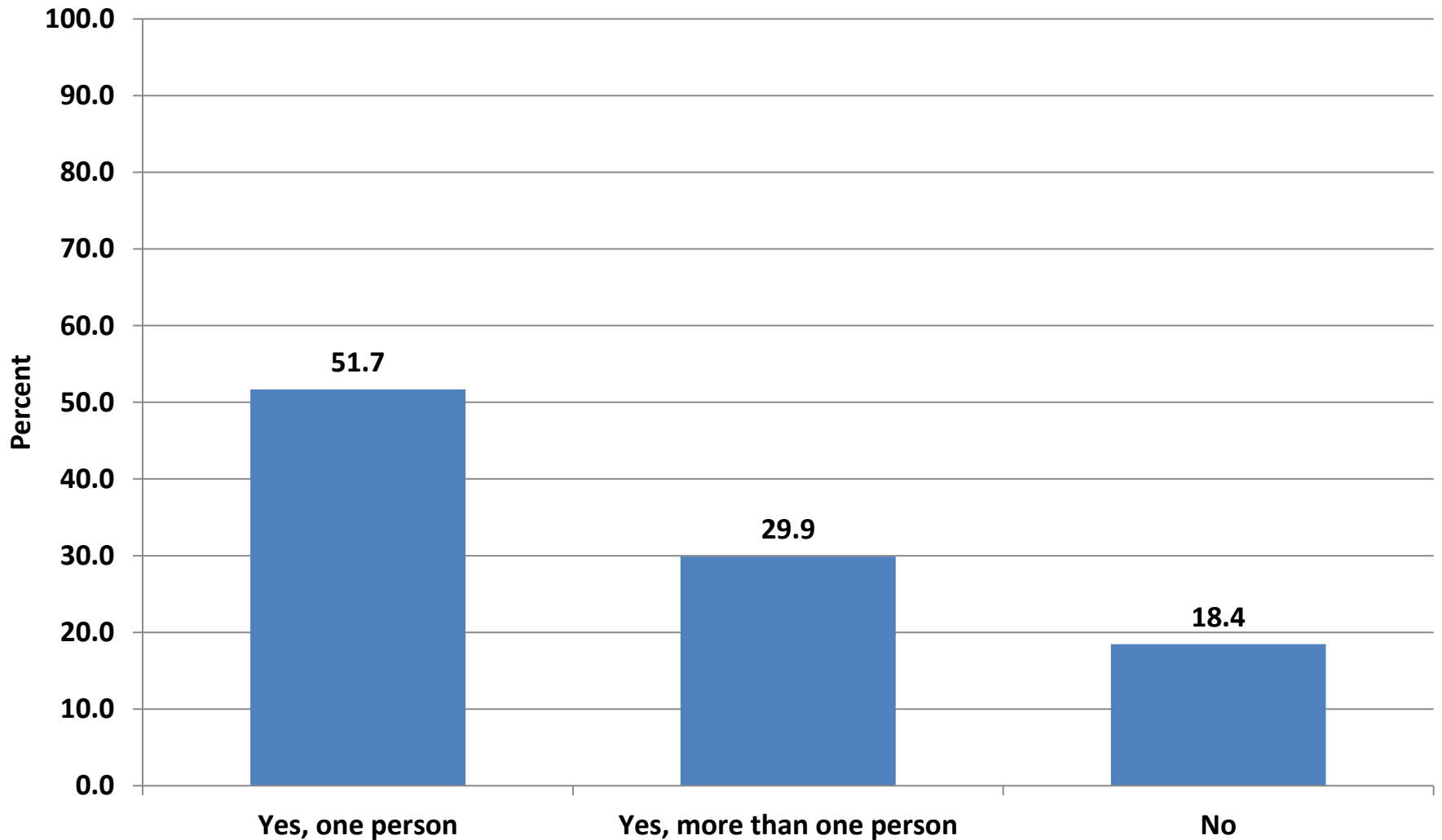
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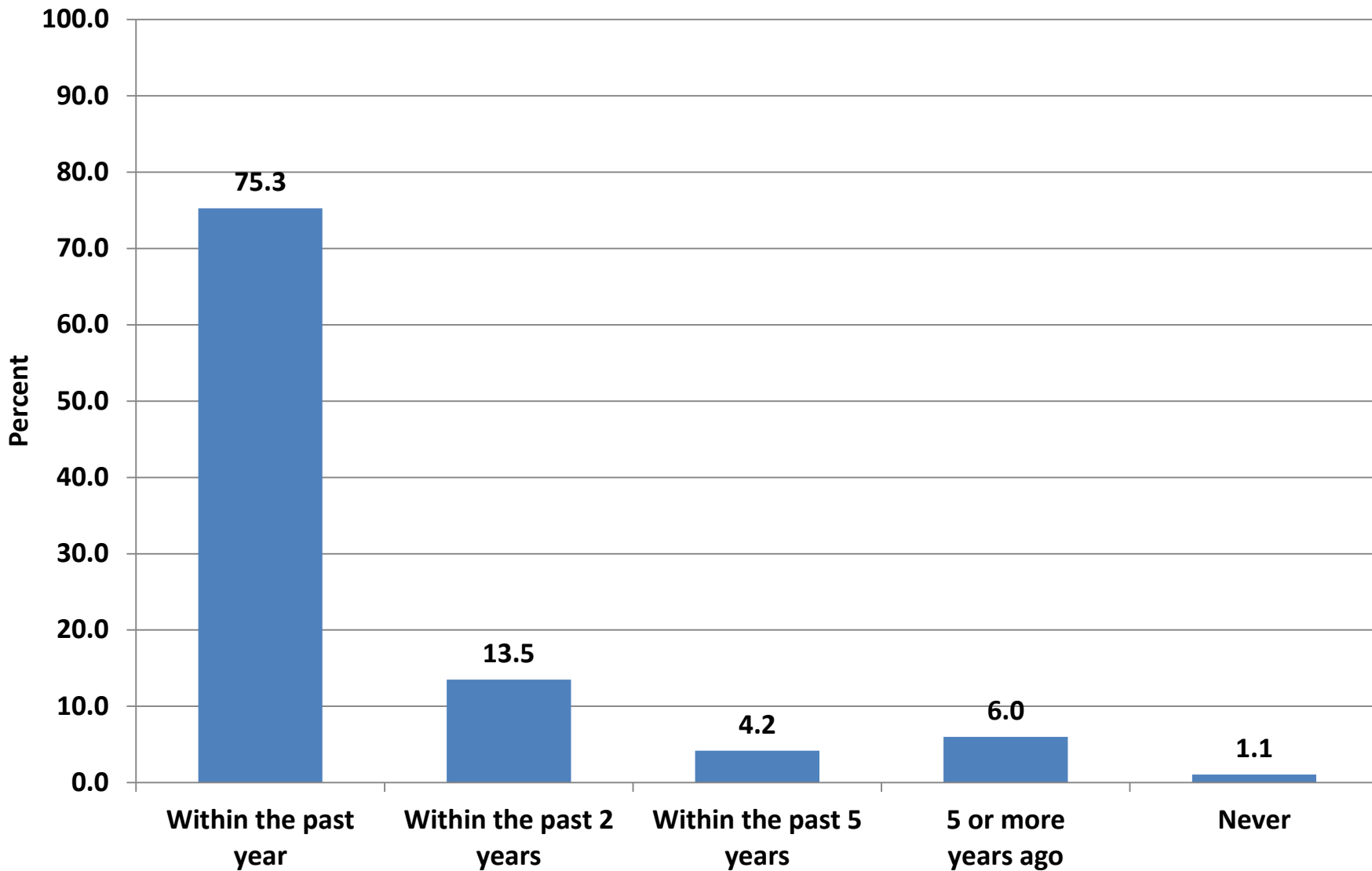


Contact with the Health Care System

Has someone thought of as personal doctor or health care provider Crow Wing County adults, 2014

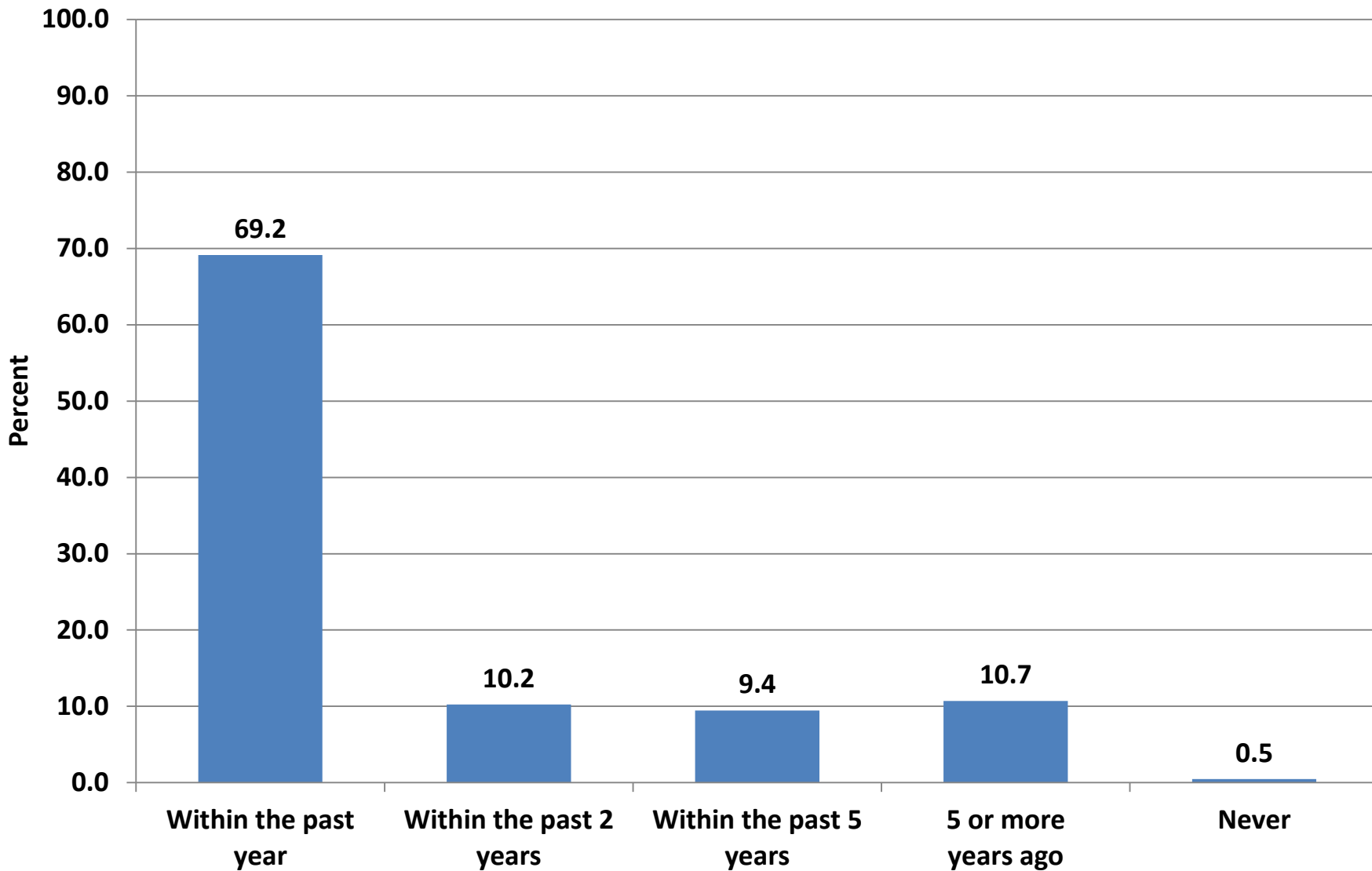


Most recent routine check-up Crow Wing County adults, 2014

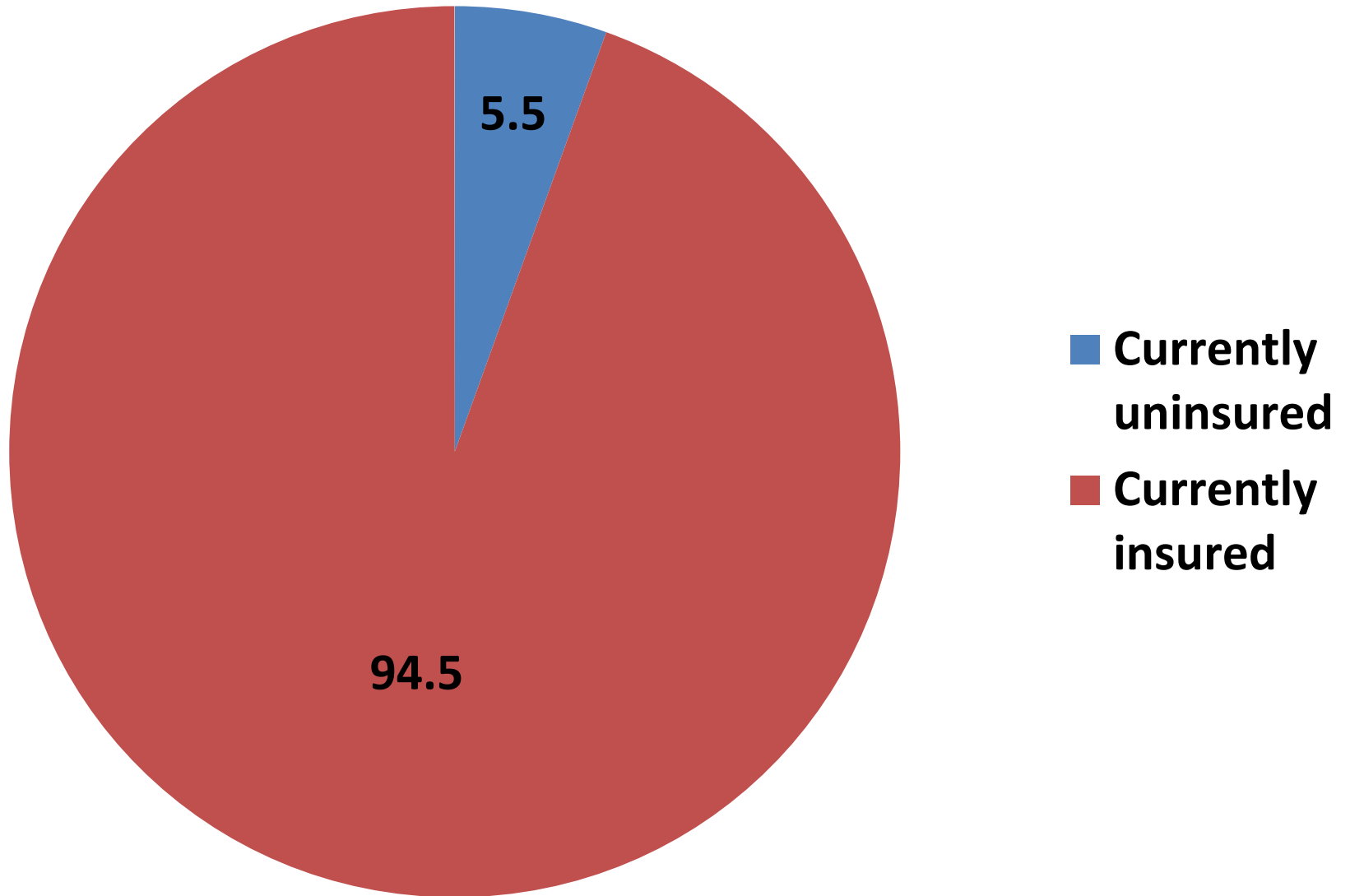


Most recent dental visit

Crow Wing County adults, 2014

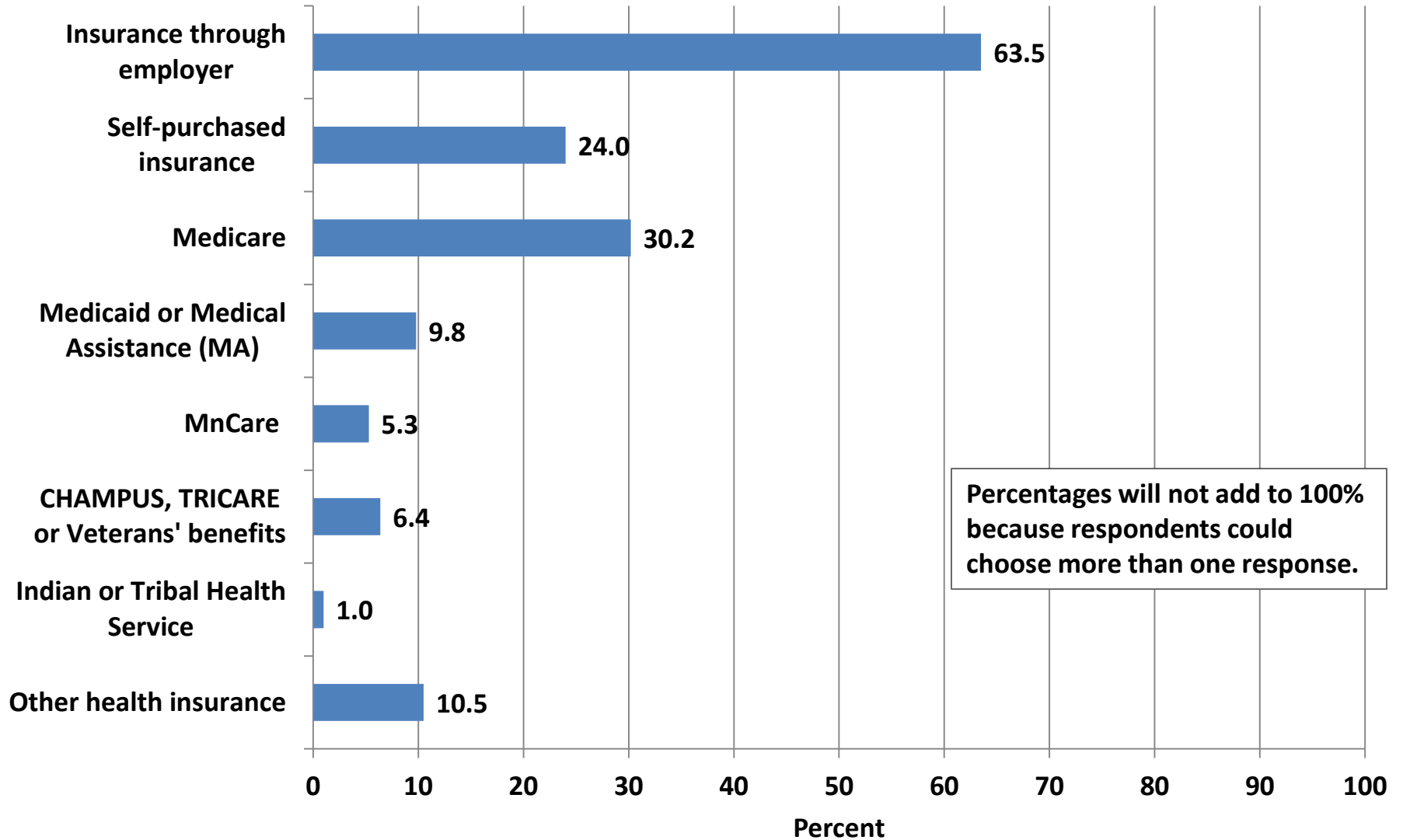


Current health insurance status Crow Wing County adults, 2014



Type of health insurance

Crow Wing County adults, 2014





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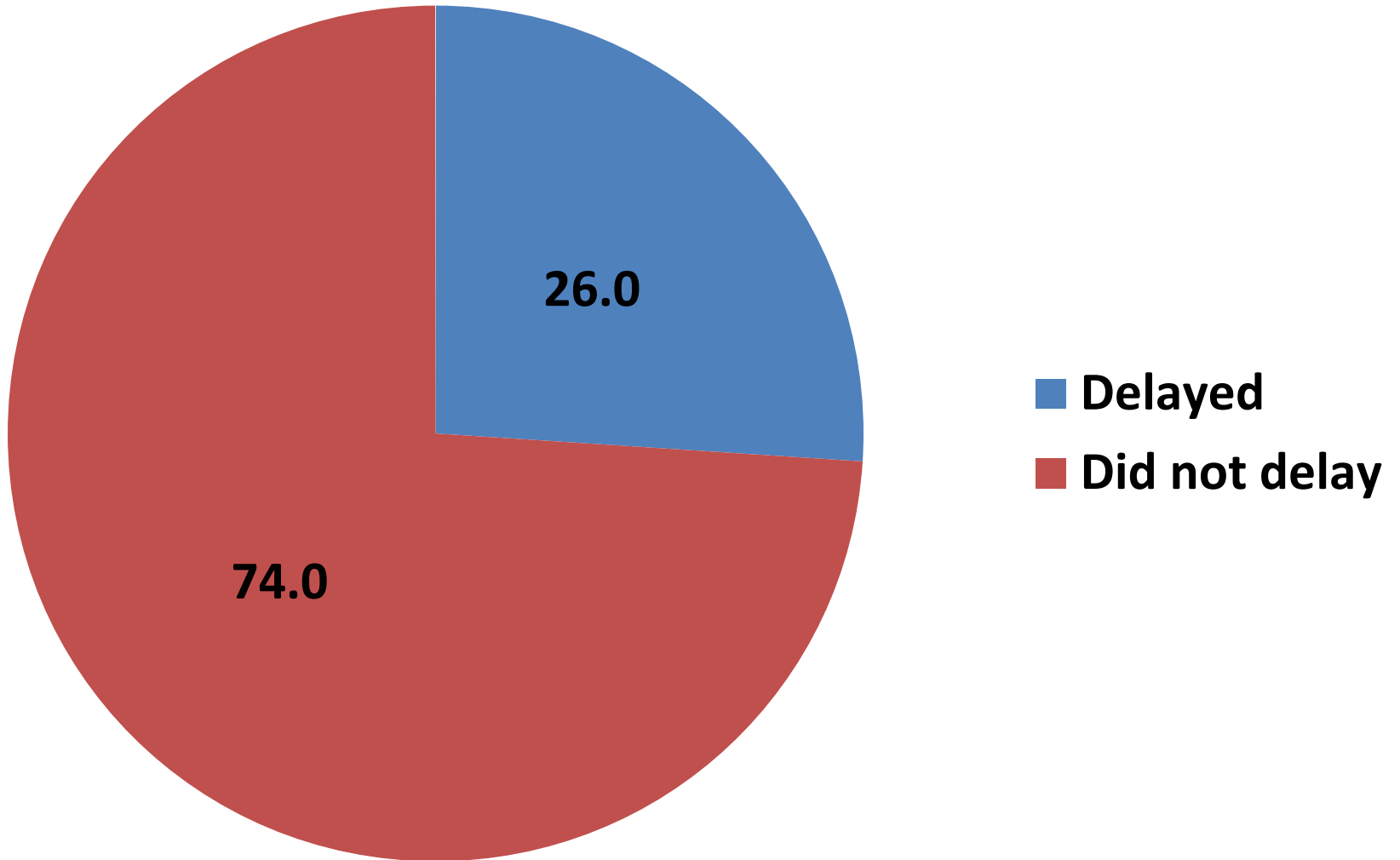
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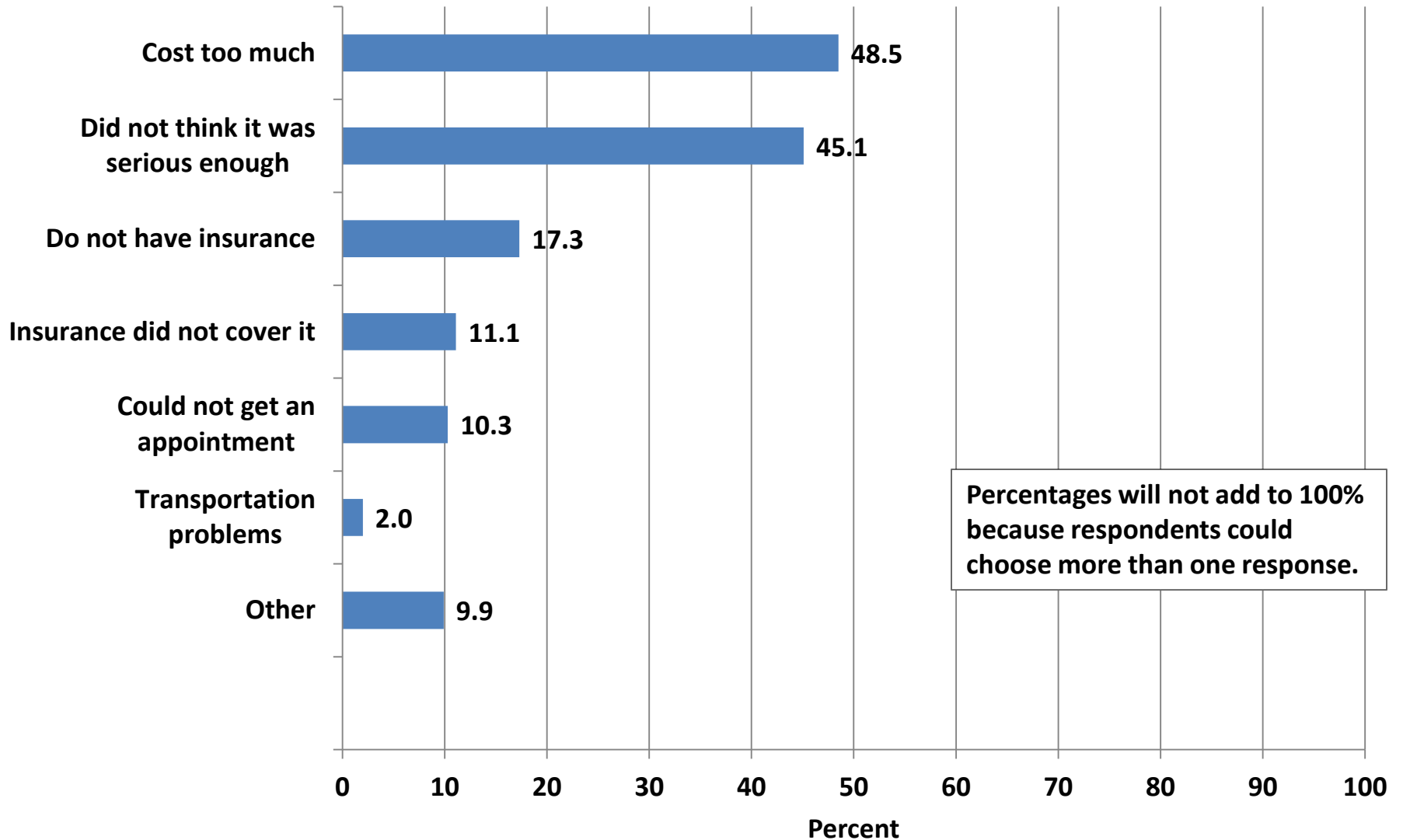
Forgone Care

**Delayed (or did not get) needed medical care
in the past 12 months
Crow Wing County adults, 2014**

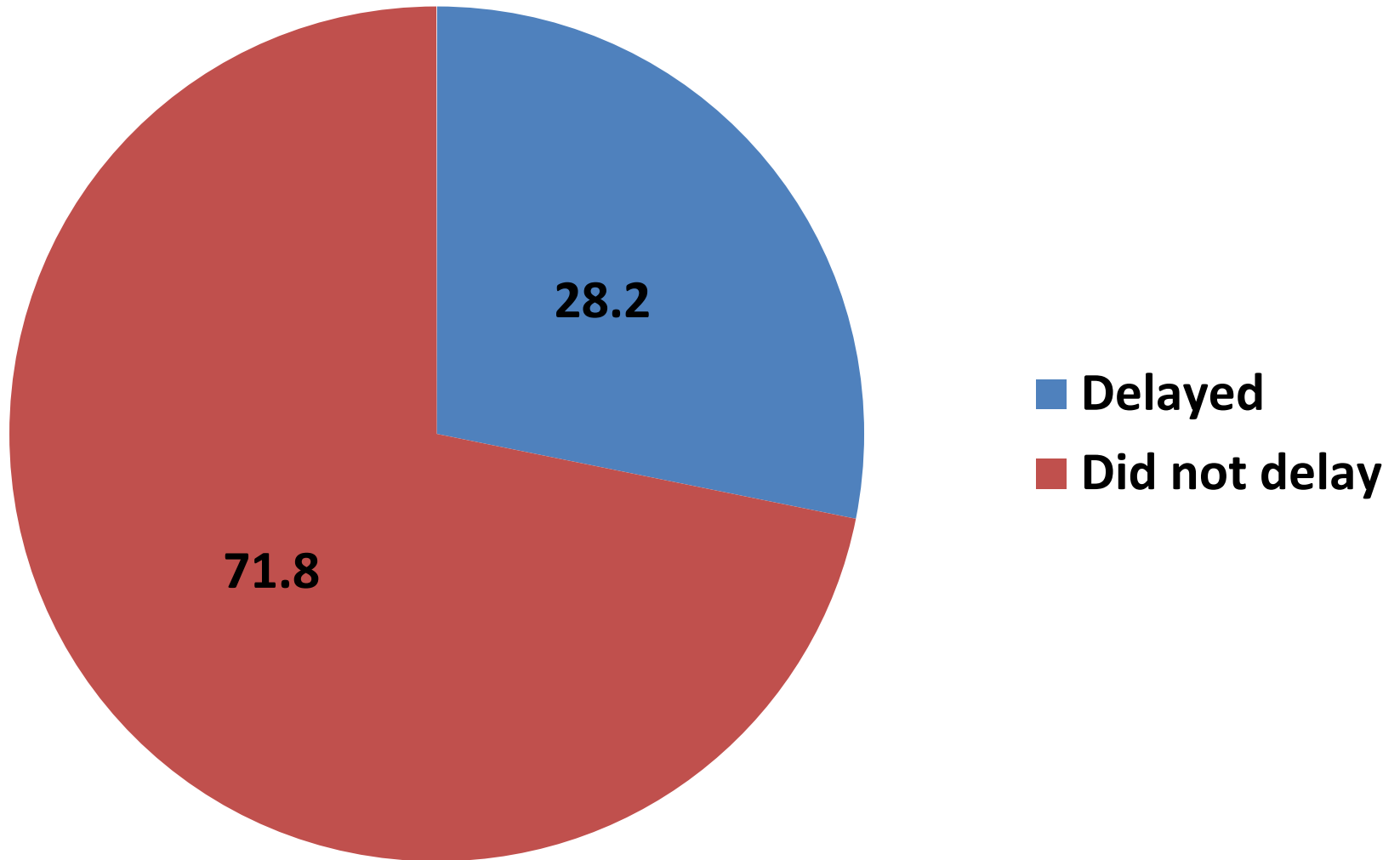


Reasons for medical care delay

Crow Wing County adults, 2014

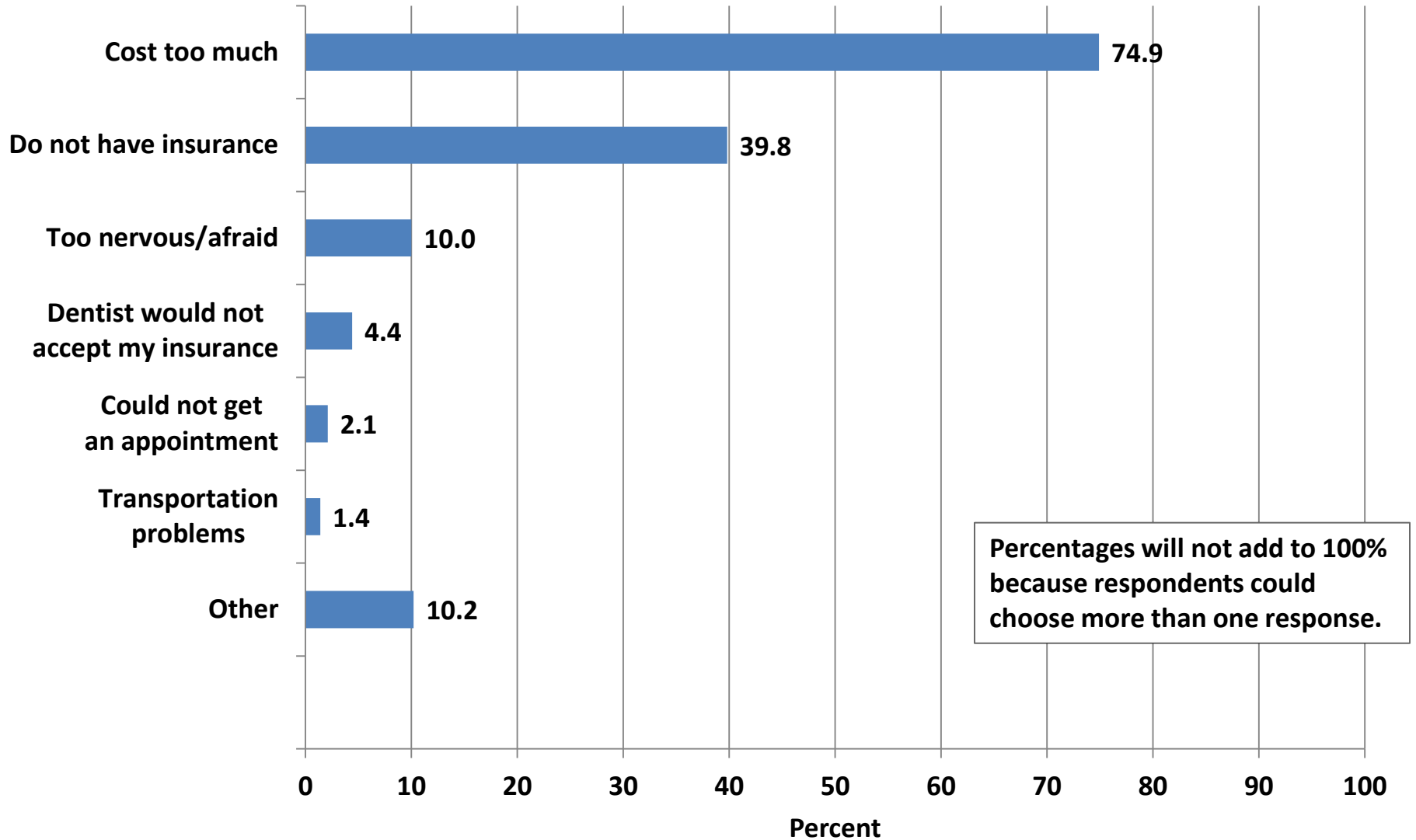


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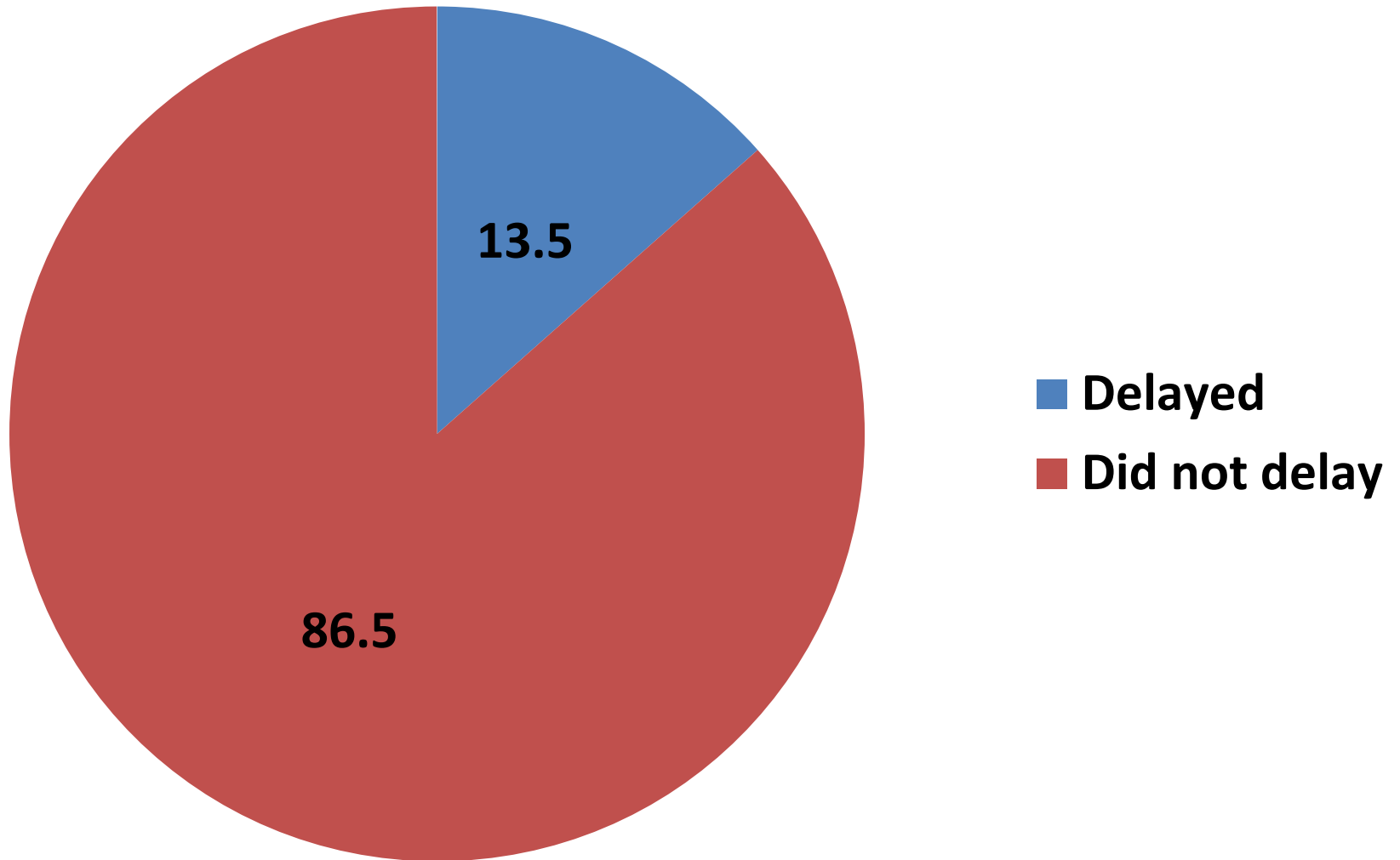


Reasons for dental care delay

Crow Wing County adults, 2014

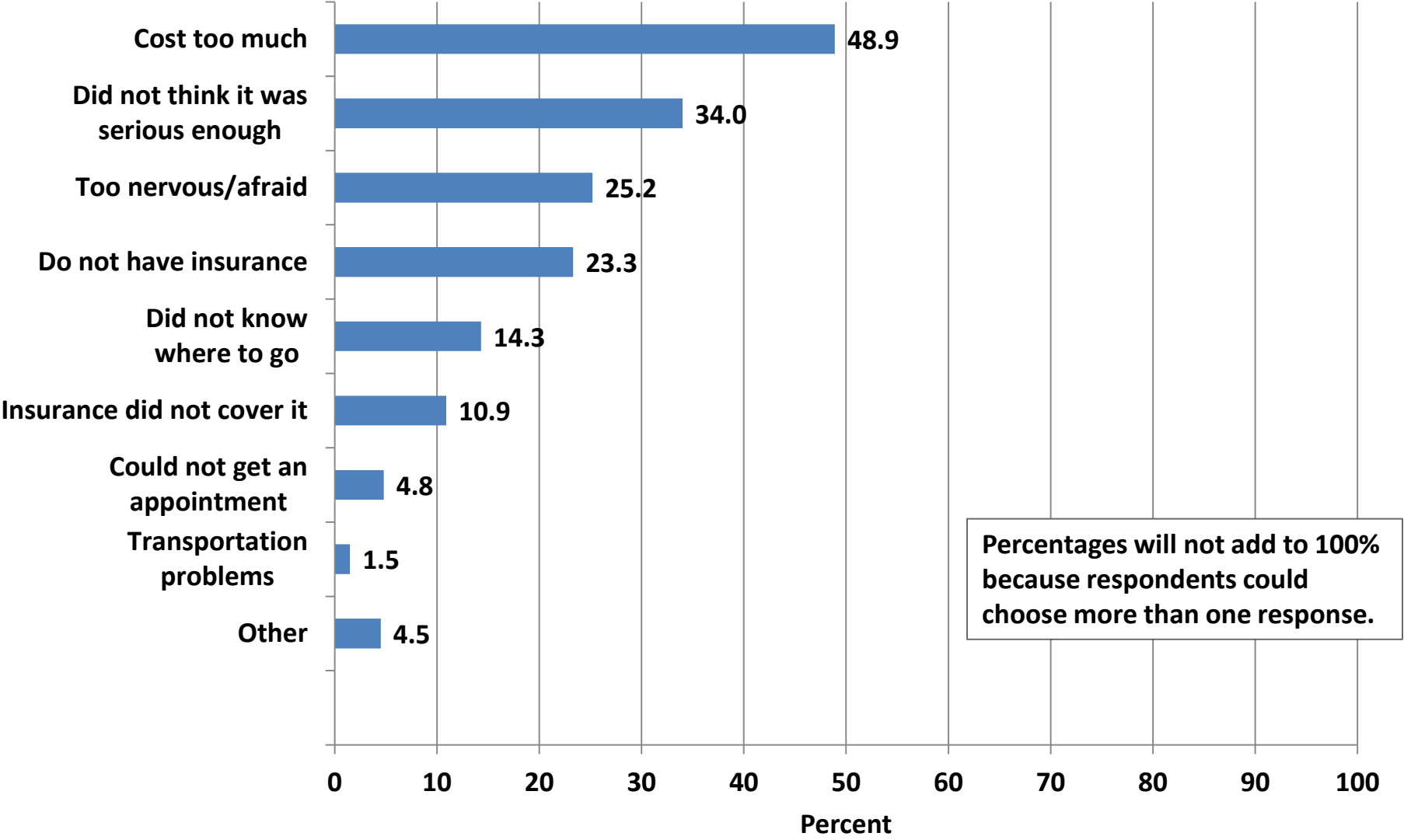


**Delayed (or did not get) needed mental health care
in the past 12 months
Crow Wing County adults, 2014**



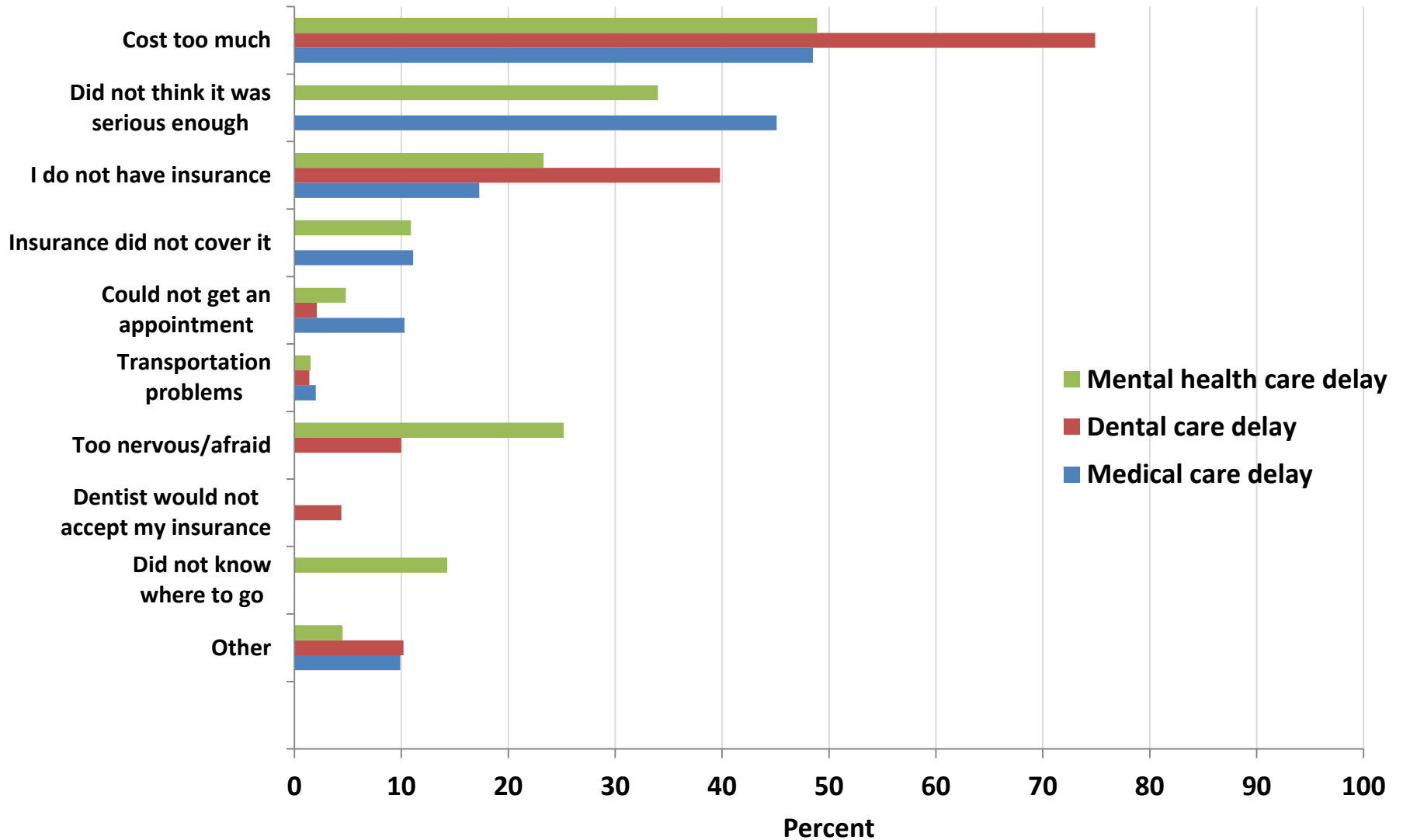
Reasons for mental health care delay

Crow Wing County adults, 2014



Reasons for delay of care

Crow Wing County adults, 2014





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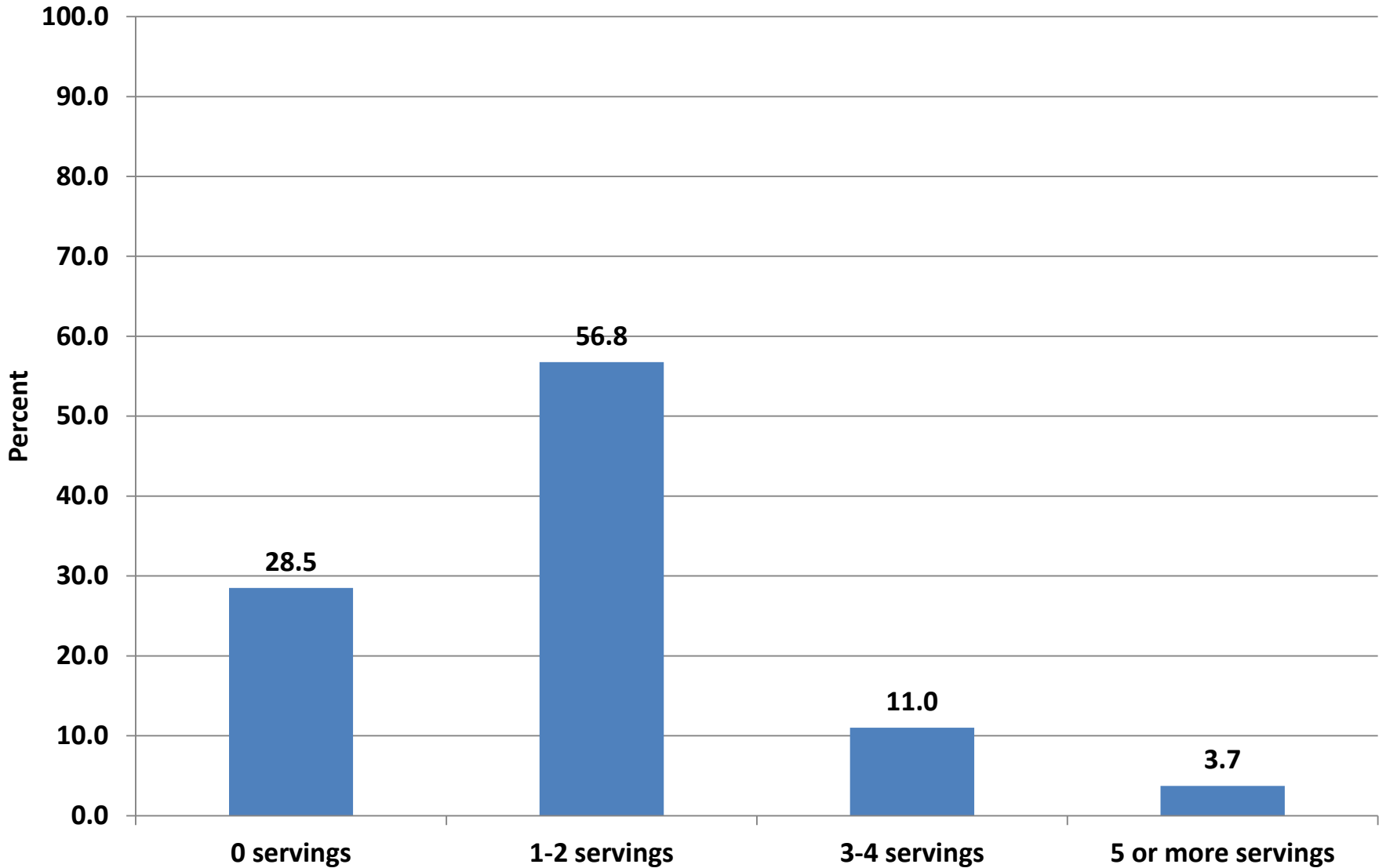
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Healthy Eating

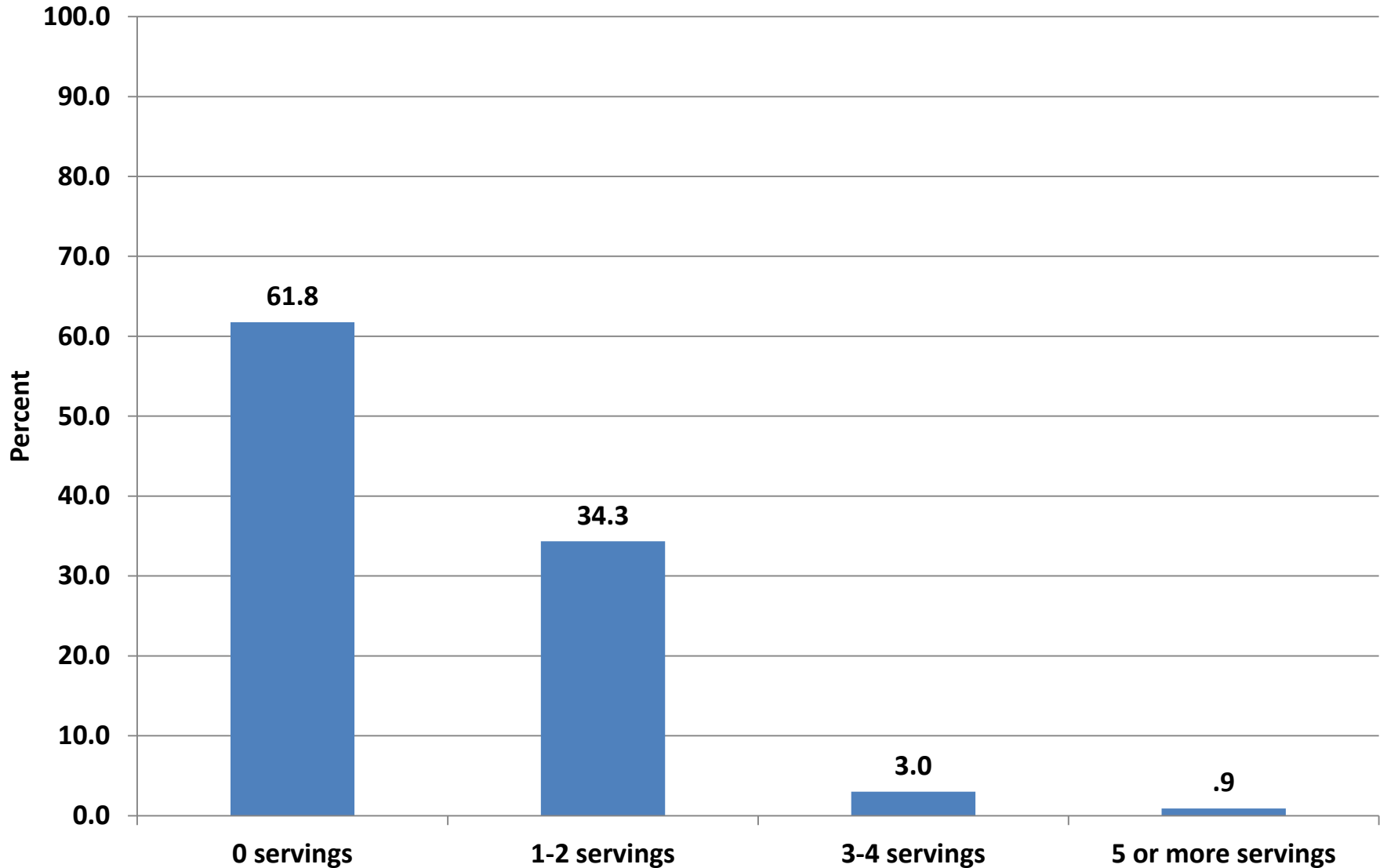
Number of solid fruit servings yesterday

Crow Wing County adults, 2014



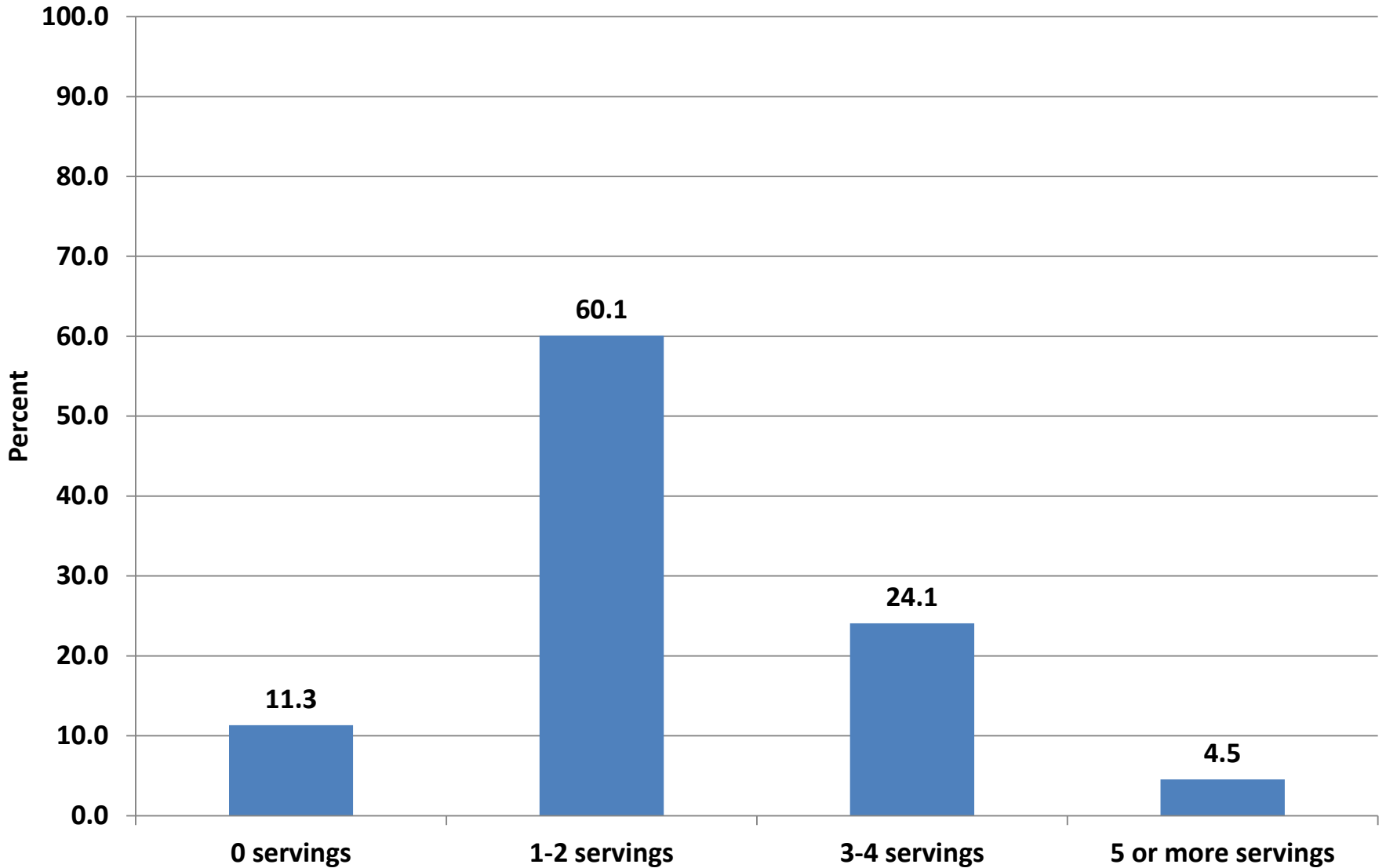
Number of fruit juice servings yesterday

Crow Wing County adults, 2014



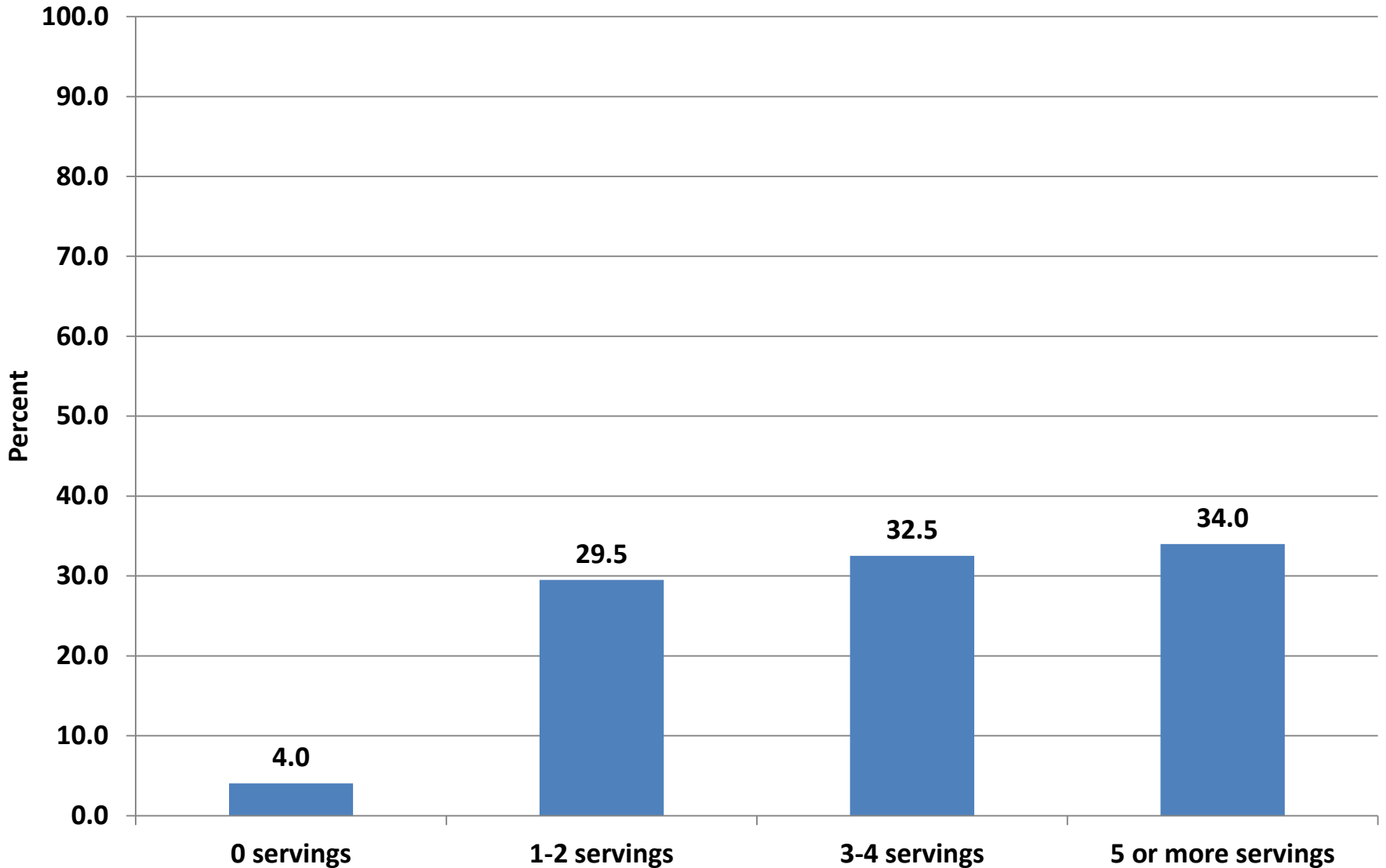
Number of vegetable servings yesterday

Crow Wing County adults, 2014



Total fruit and vegetable servings yesterday

Crow Wing County adults, 2014





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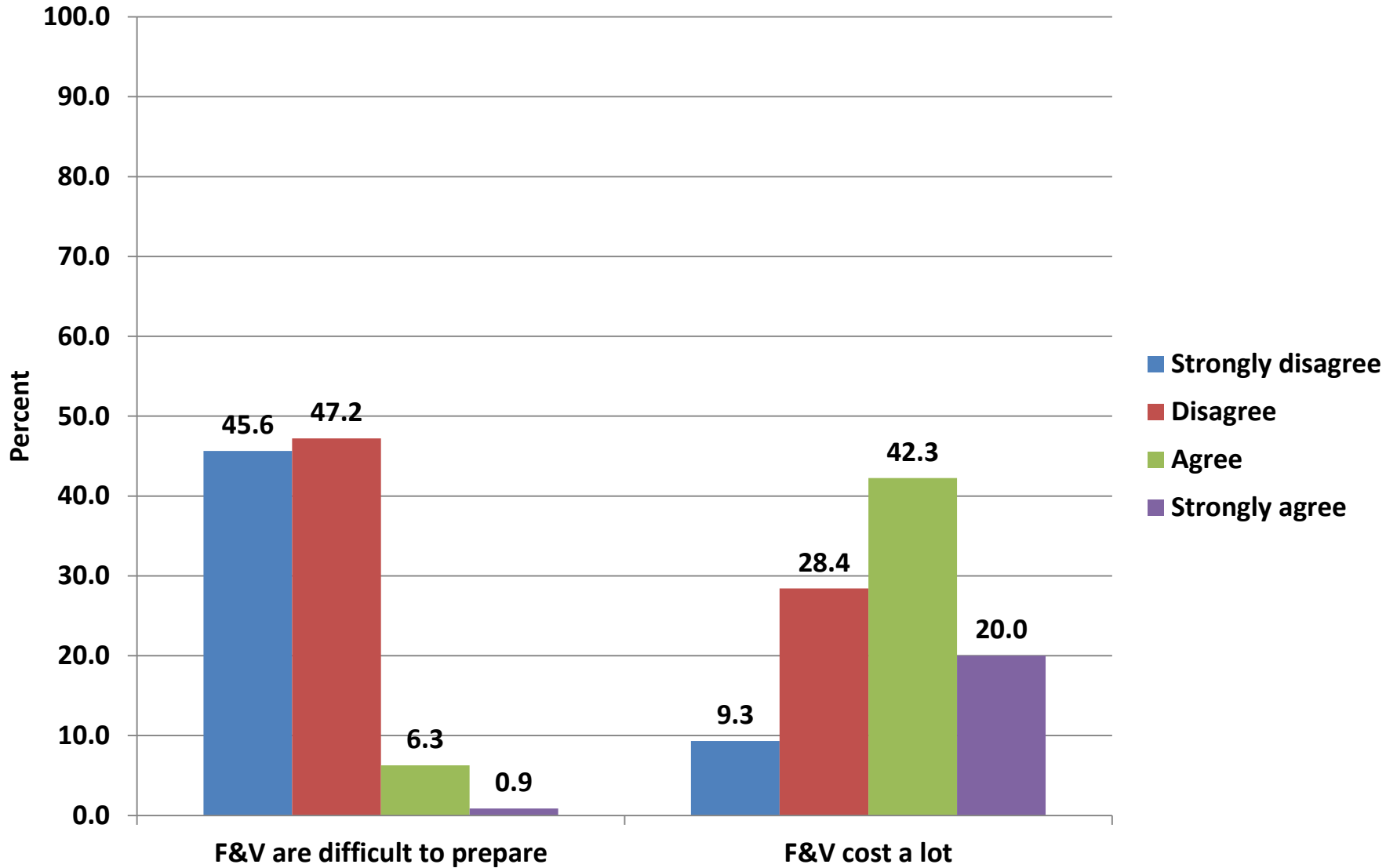


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Food Access Issues

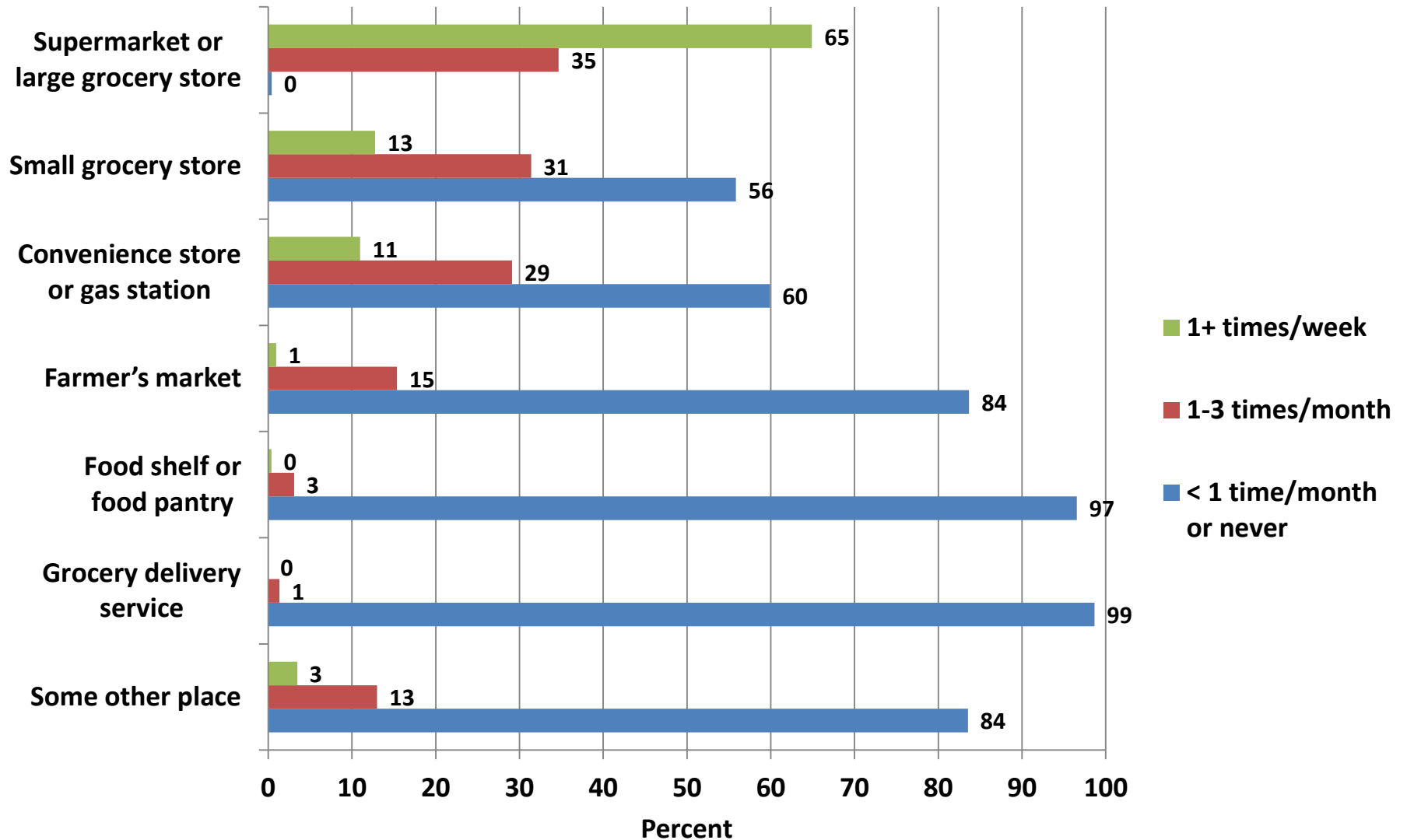
Attitudes about fruits and vegetables

Crow Wing County adults, 2014



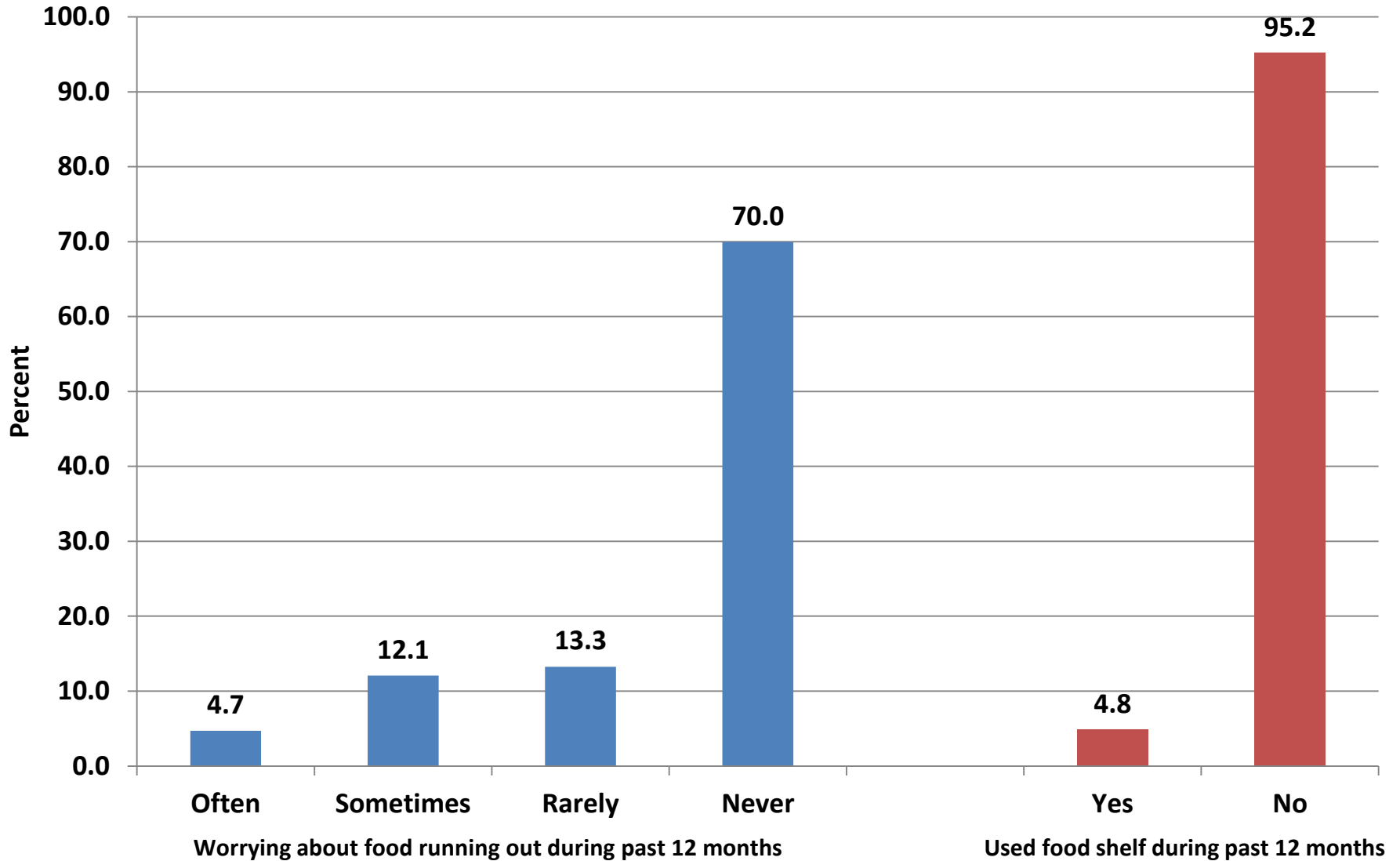
How often food obtained from various places

Crow Wing County adults, 2014



Food insecurity

Crow Wing County adults, 2014





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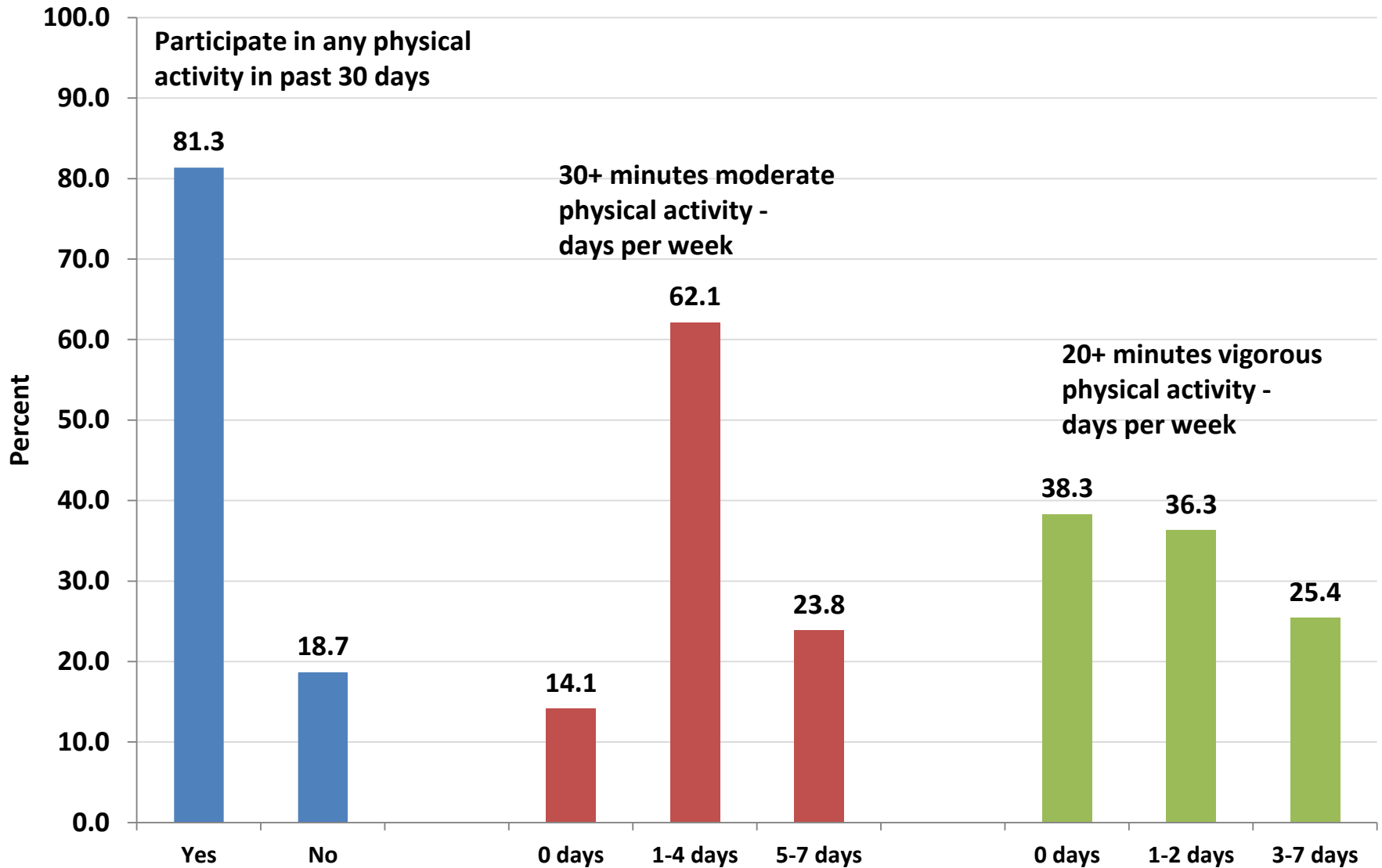
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Physical Activity

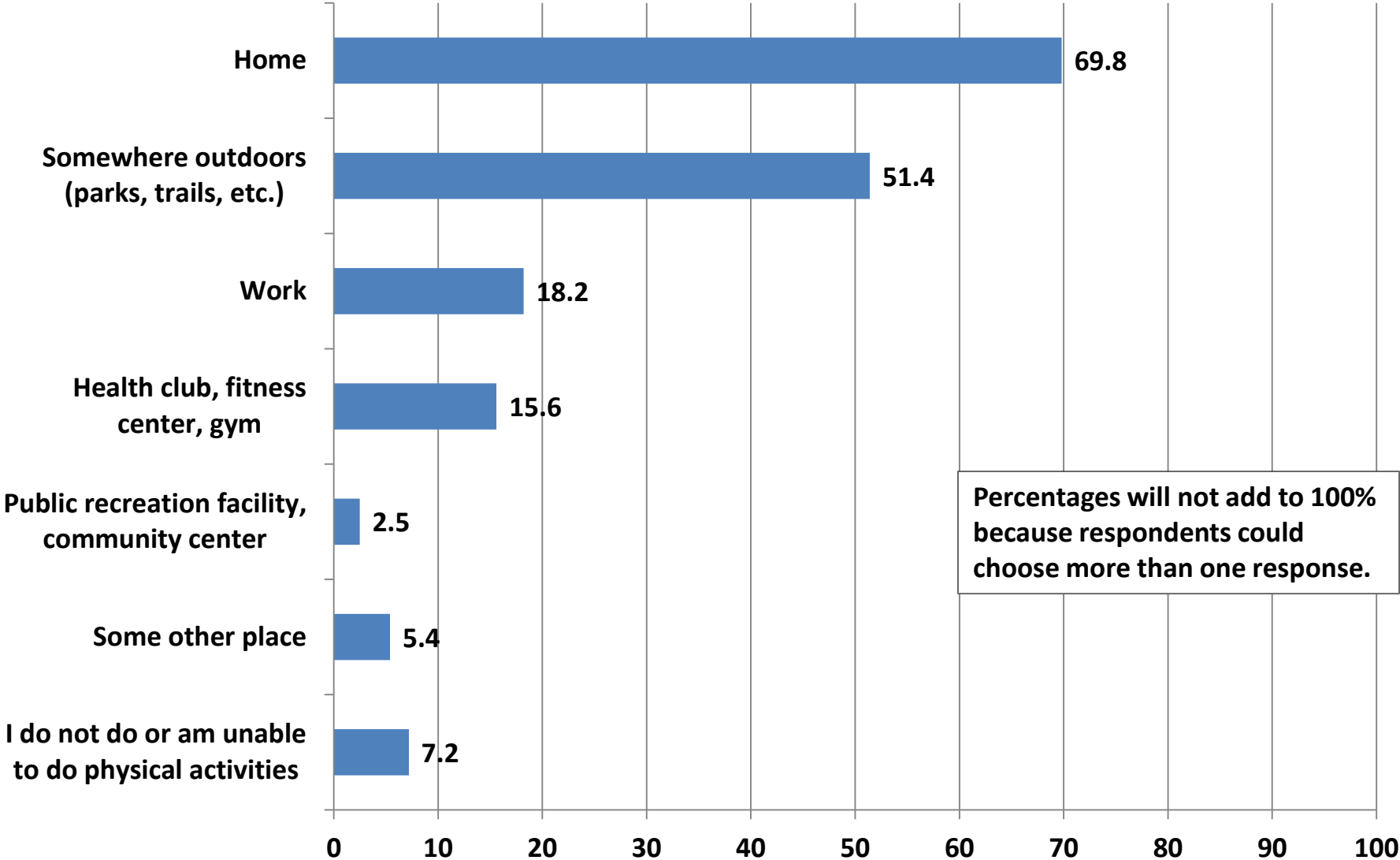
Physical activity

Crow Wing County adults, 2014



Usual place for exercise or physical activities

Crow Wing County adults, 2014



Availability and use of community resources and facilities

Crow Wing County adults, 2014

Shared use paths (bike and walking paths)

Nearby waterways, such as creeks, rivers, and lakes for water-related activities

Parks, playgrounds or sports fields

Health club, fitness center or gym

Public swimming pools or water parks

Shopping mall for physical activity

Schools, colleges, or universities that are open for public use for exercise or physical activity

Availability and use of community resources and facilities

Crow Wing County adults, 2014

	<u>I use this</u>	<u>I do not use this</u>	<u>My community does not have this</u>
Shared use paths (bike and walking paths)	57.8	36.0	6.2
Nearby waterways, such as creeks, rivers, and lakes for water-related activities	53.7	44.4	1.9
Parks, playgrounds or sports fields	45.7	50.7	3.6
Health club, fitness center or gym	21.0	74.3	4.7
Public swimming pools or water parks	19.8	58.2	21.9
Shopping mall for physical activity	13.5	78.1	8.4
Schools, colleges, or universities that are open for public use for exercise or physical activity	8.3	76.0	15.7

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Crow Wing County adults, 2014

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Barriers to physical activity

Crow Wing adults, 2014

Lack of time	
Lack of programs	
Lack of support	
No one to exercise with	
Cost	
Public facilities not available	
Not having sidewalks	
Traffic problems	
Illness, injury, disability	
Fear of injury	
Distance	
No safe place	
Weather	
I don't like to	
Lack of willpower	
Don't know how to start	
Other	

Barriers to physical activity

Crow Wing adults, 2014

	<u>Not a problem</u>	<u>A small problem</u>	<u>A big problem</u>
Lack of time	33.9	37.8	28.3
Lack of programs	75.8	17.1	7.2
Lack of support	80.7	16.5	2.7
No one to exercise with	64.0	28.0	8.0
Cost	45.0	25.9	29.1
Public facilities not available	72.5	16.8	10.8
Not having sidewalks	72.2	19.2	8.6
Traffic problems	72.9	19.2	7.9
Illness, injury, disability	74.0	14.1	11.9
Fear of injury	85.6	11.1	3.3
Distance	71.9	18.9	9.2
No safe place	84.2	13.4	2.5
Weather	51.1	41.7	7.2
I don't like to	60.5	30.2	9.4
Lack of willpower	40.0	43.5	16.5
Don't know how to start	83.3	14.2	2.5
Other	84.2	11.7	4.1

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Crow Wing adults, 2014

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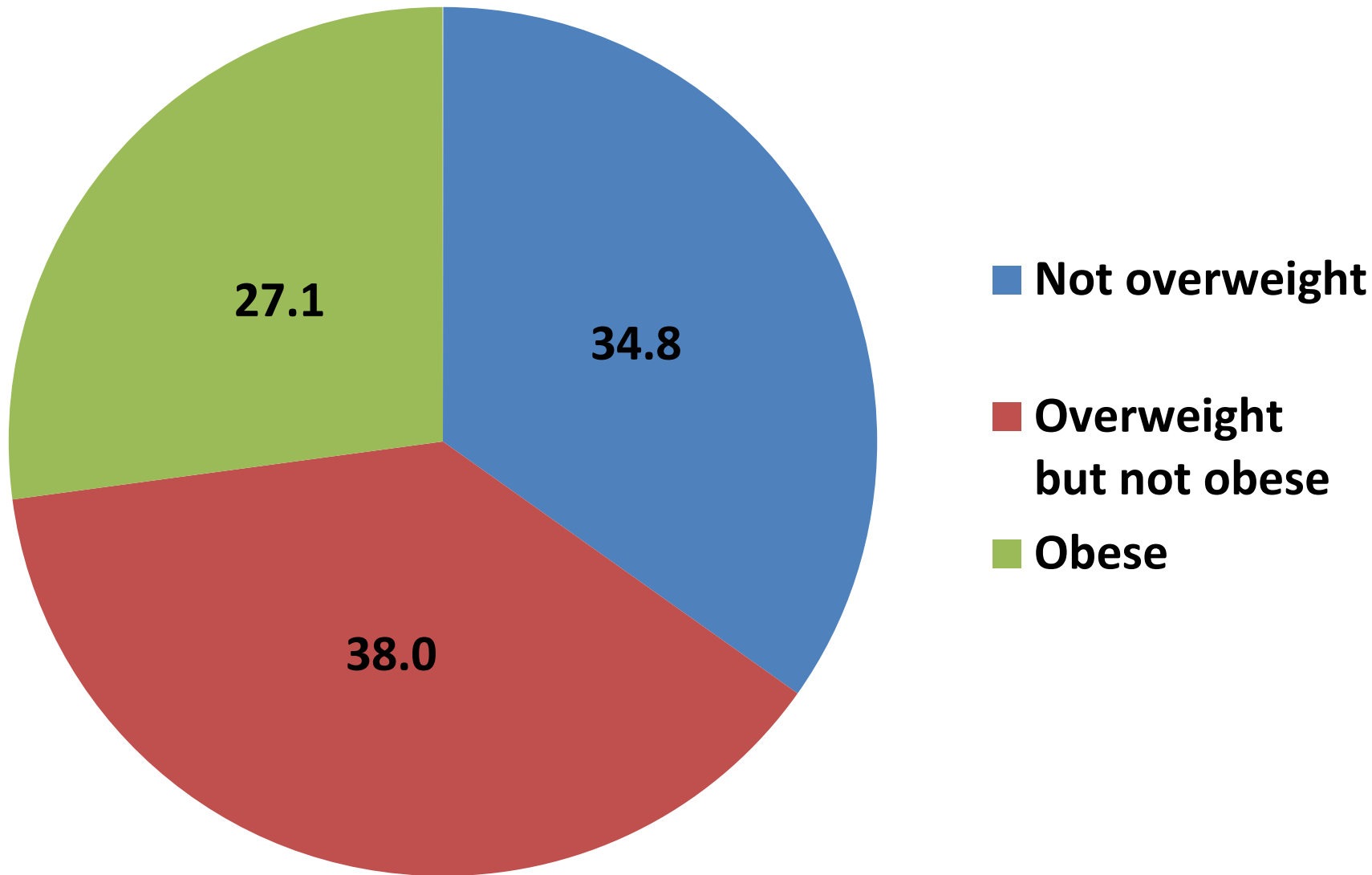


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Weight Status

Weight status according to Body Mass Index

Crow Wing County adults, 2014





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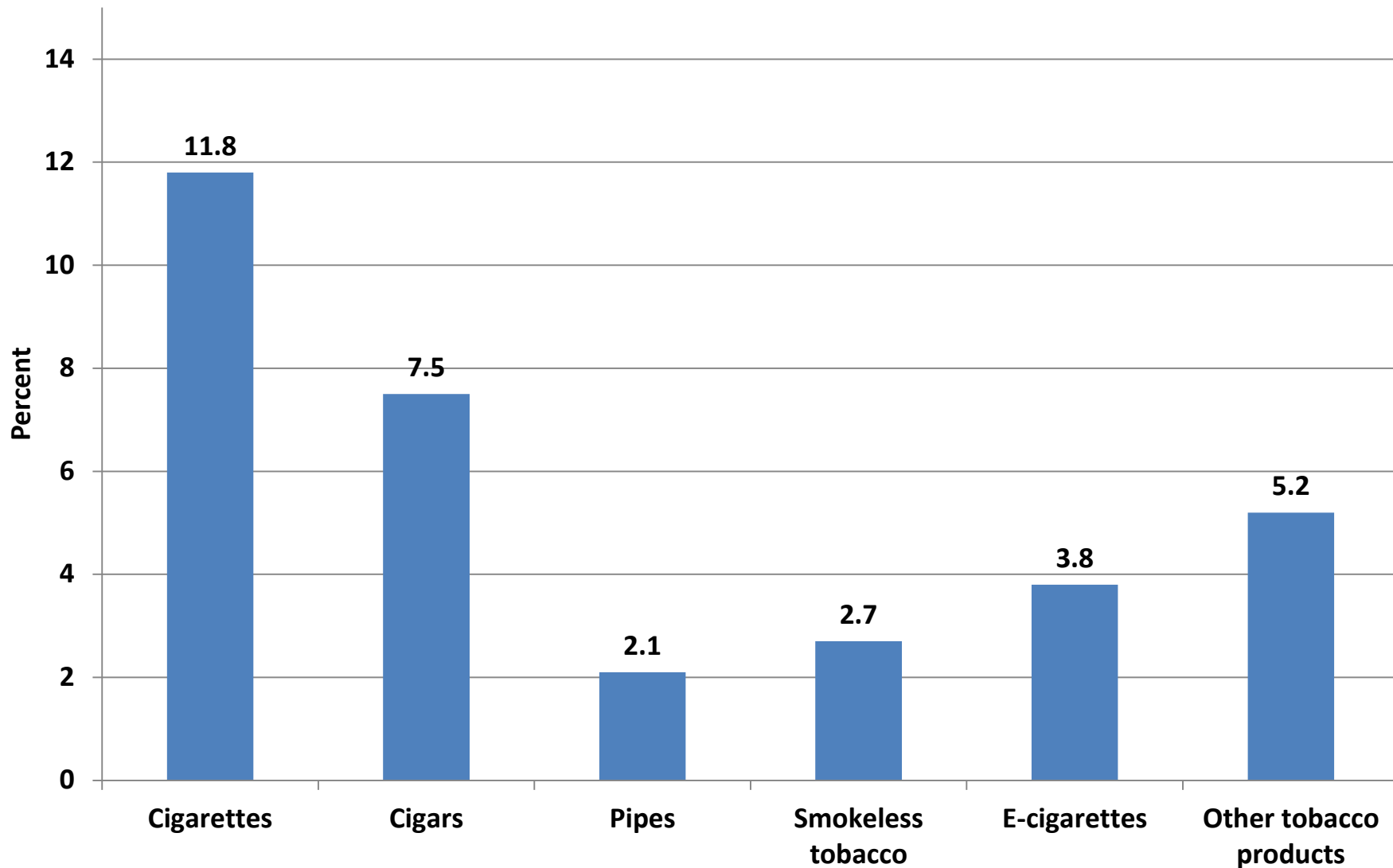


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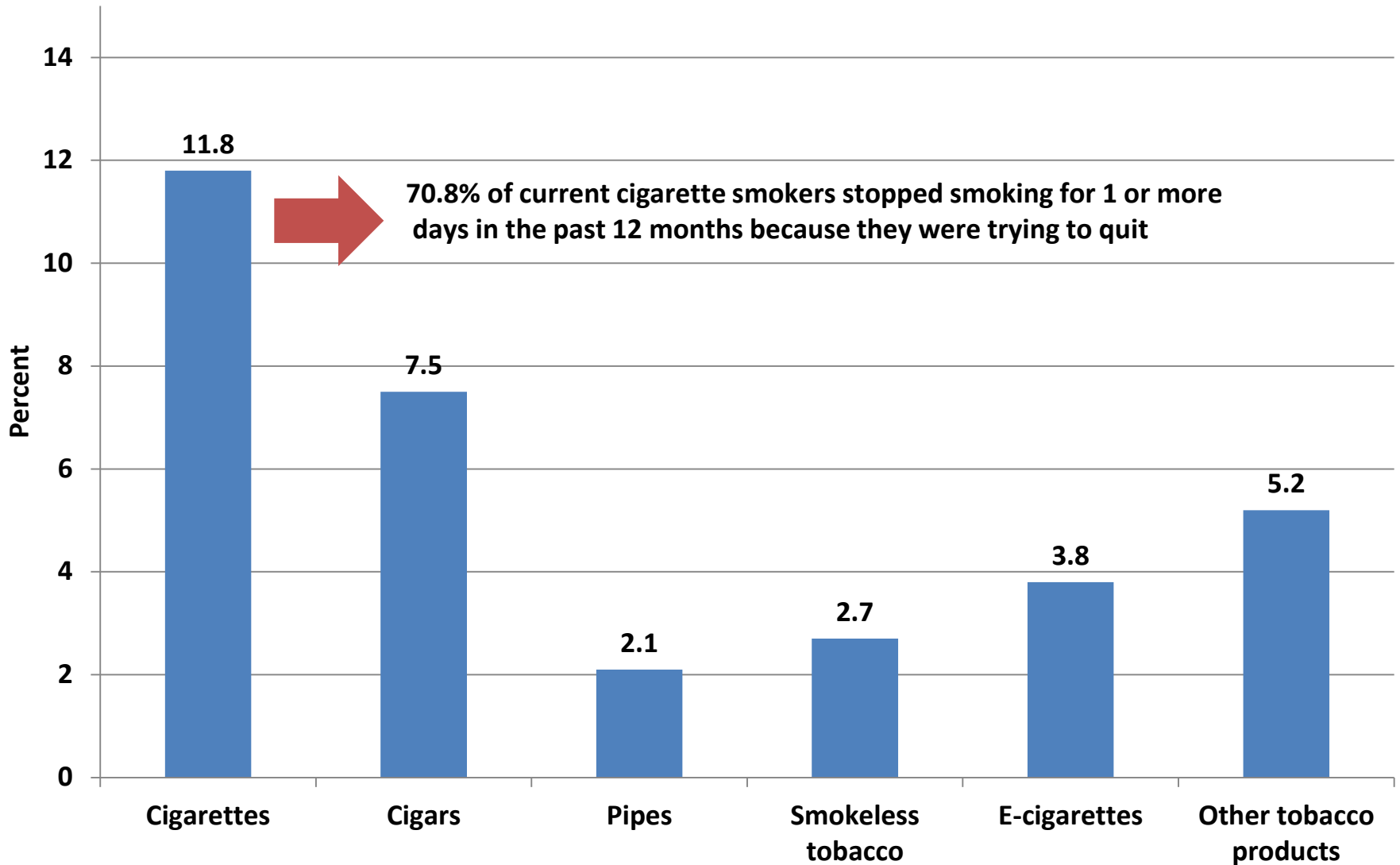
Tobacco Use

Current tobacco use

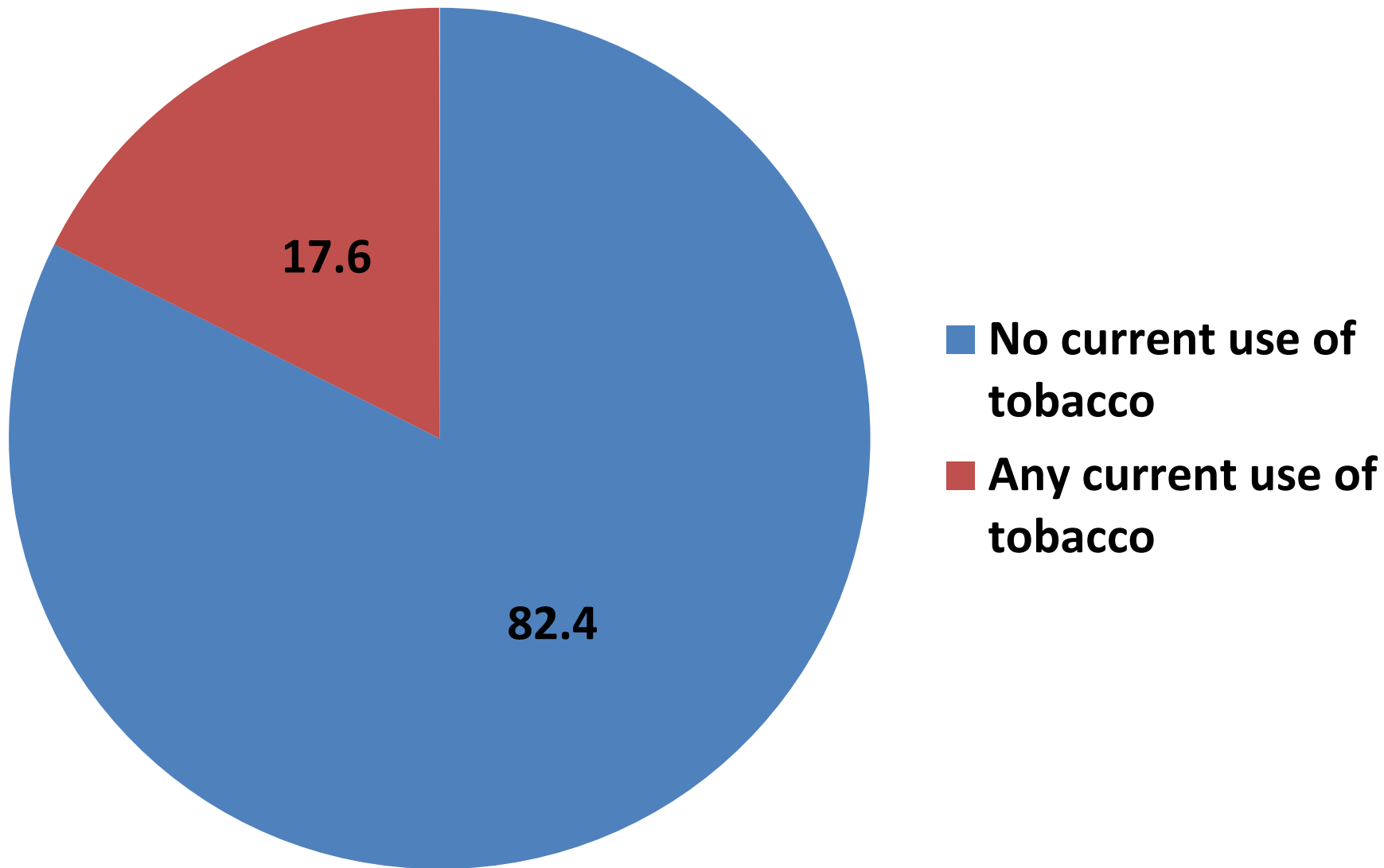
Crow Wing County adults, 2014



Current tobacco use Crow Wing County adults, 2014



**Any current tobacco use
Crow Wing County adults, 2014**





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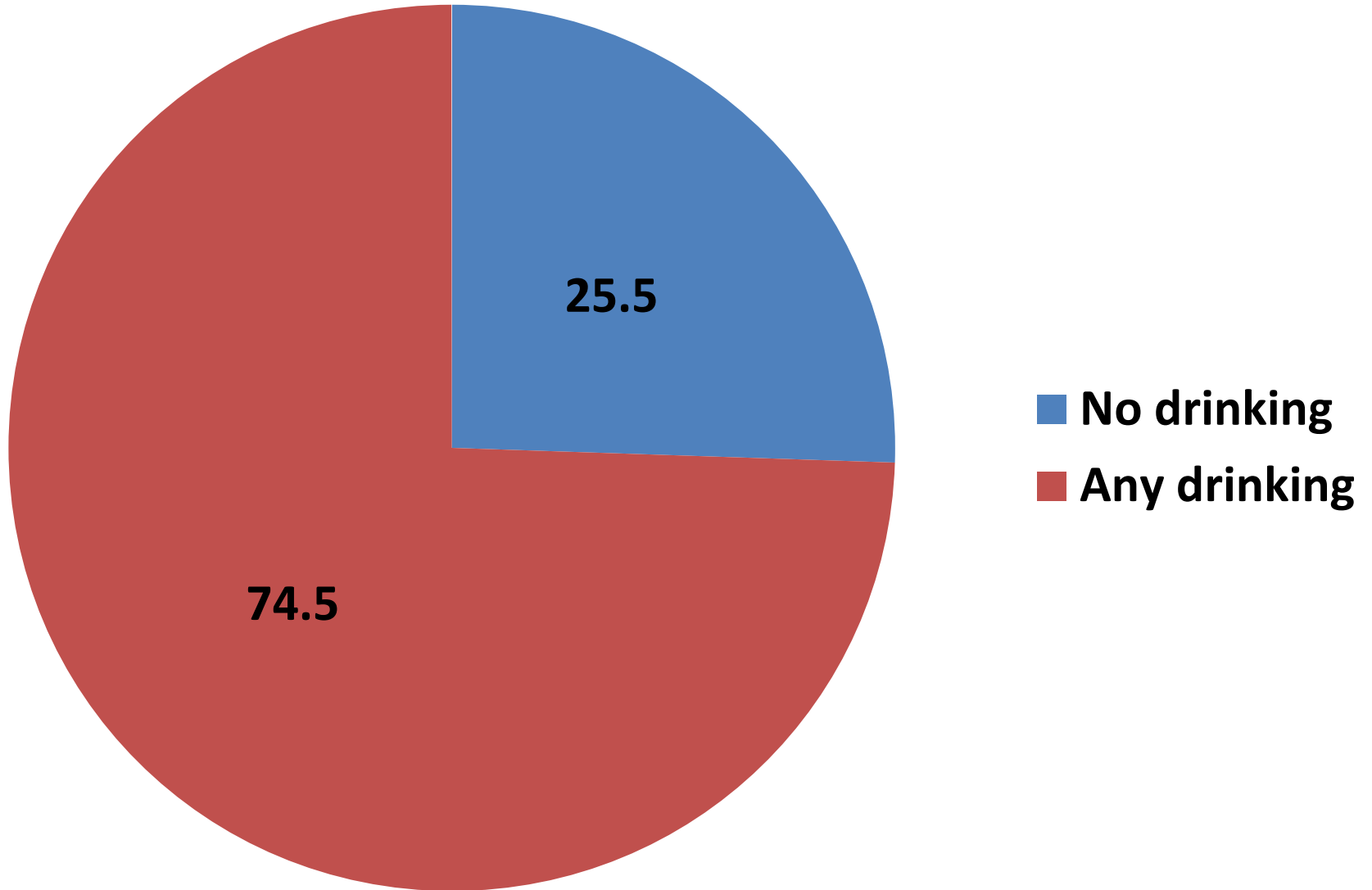
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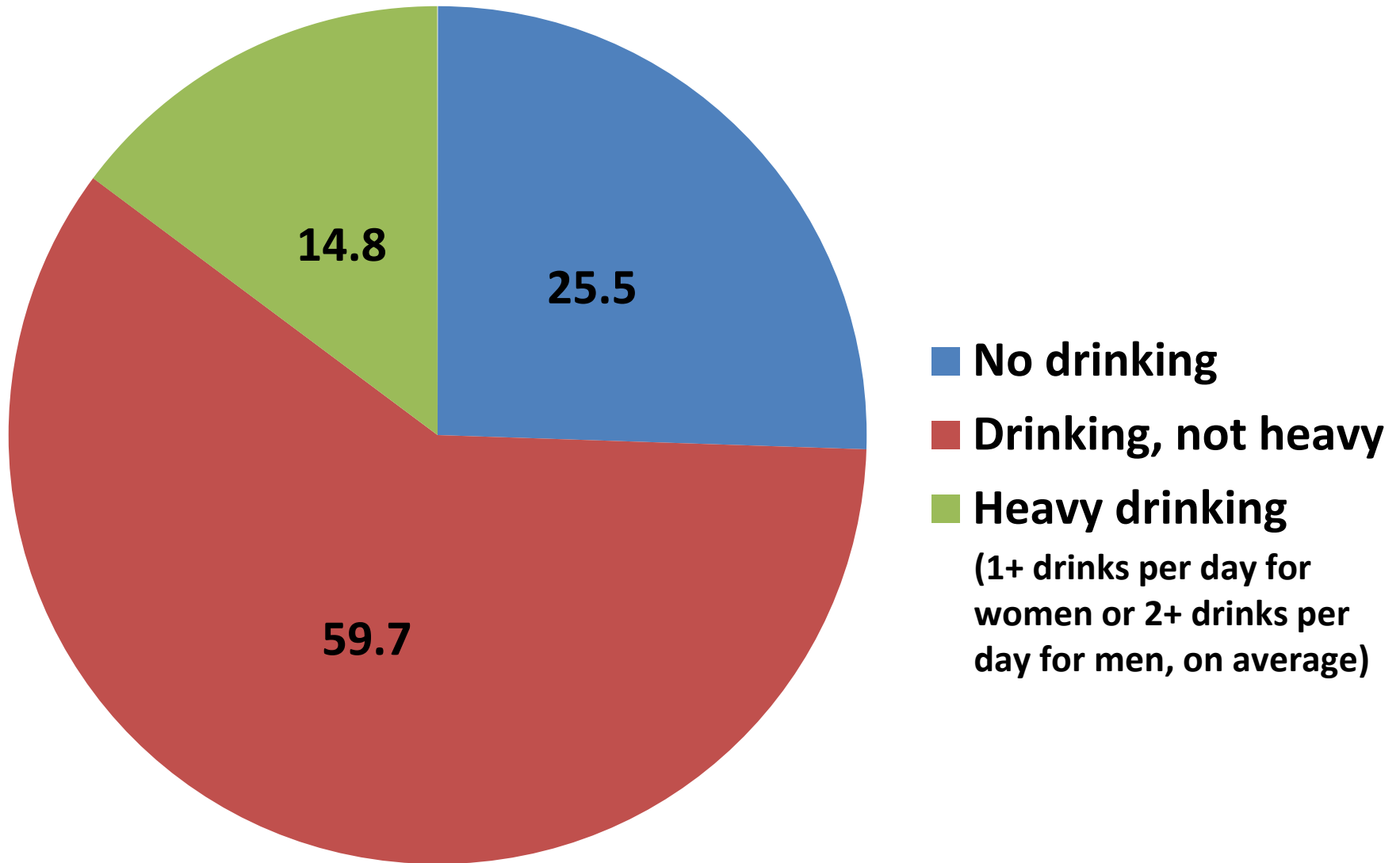
Alcohol Use

**Any alcohol use in the past 30 days
Crow Wing County adults, 2014**



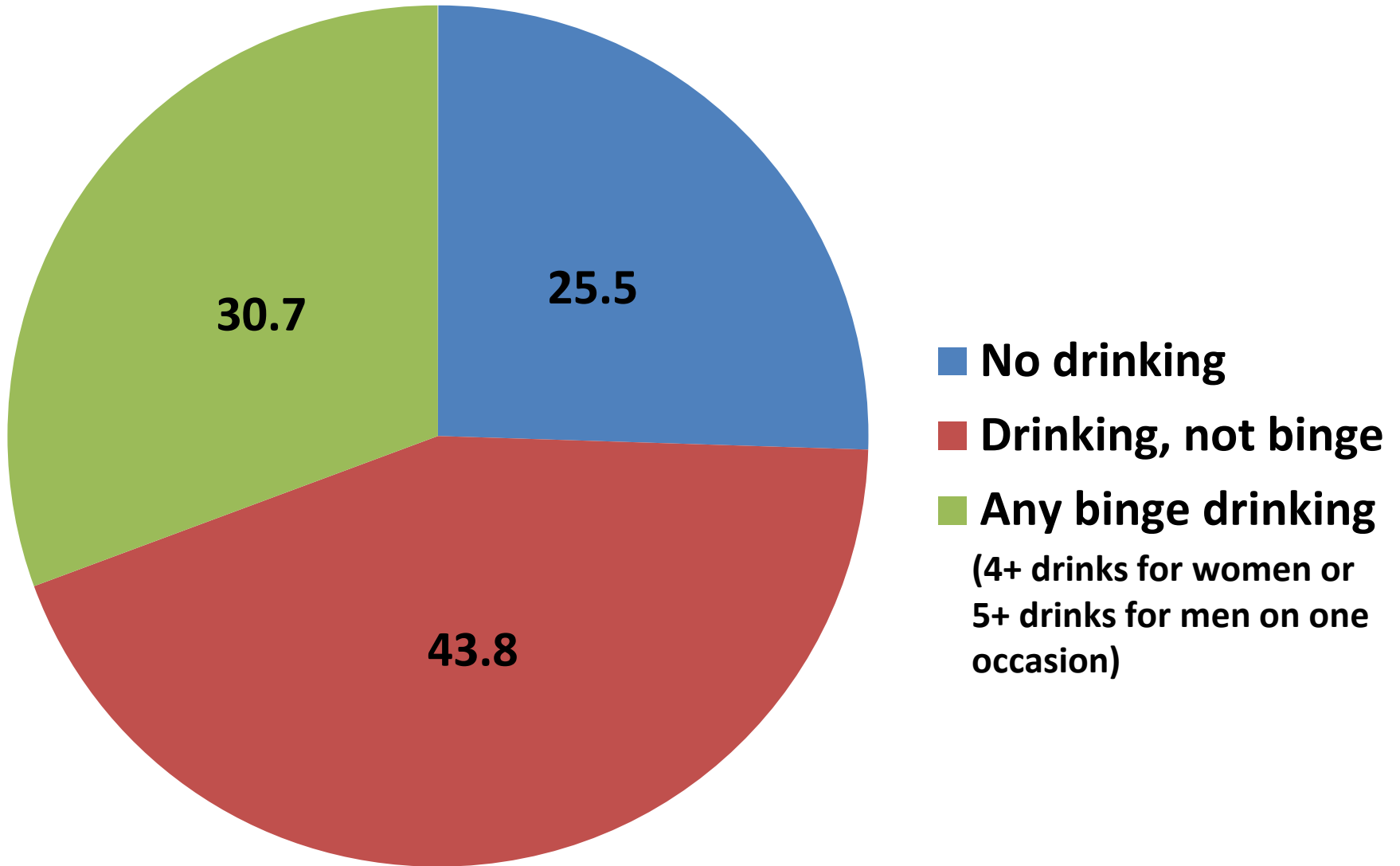
Heavy alcohol use in the past 30 days

Crow Wing County adults, 2014



Binge drinking in the past 30 days

Crow Wing County adults, 2014





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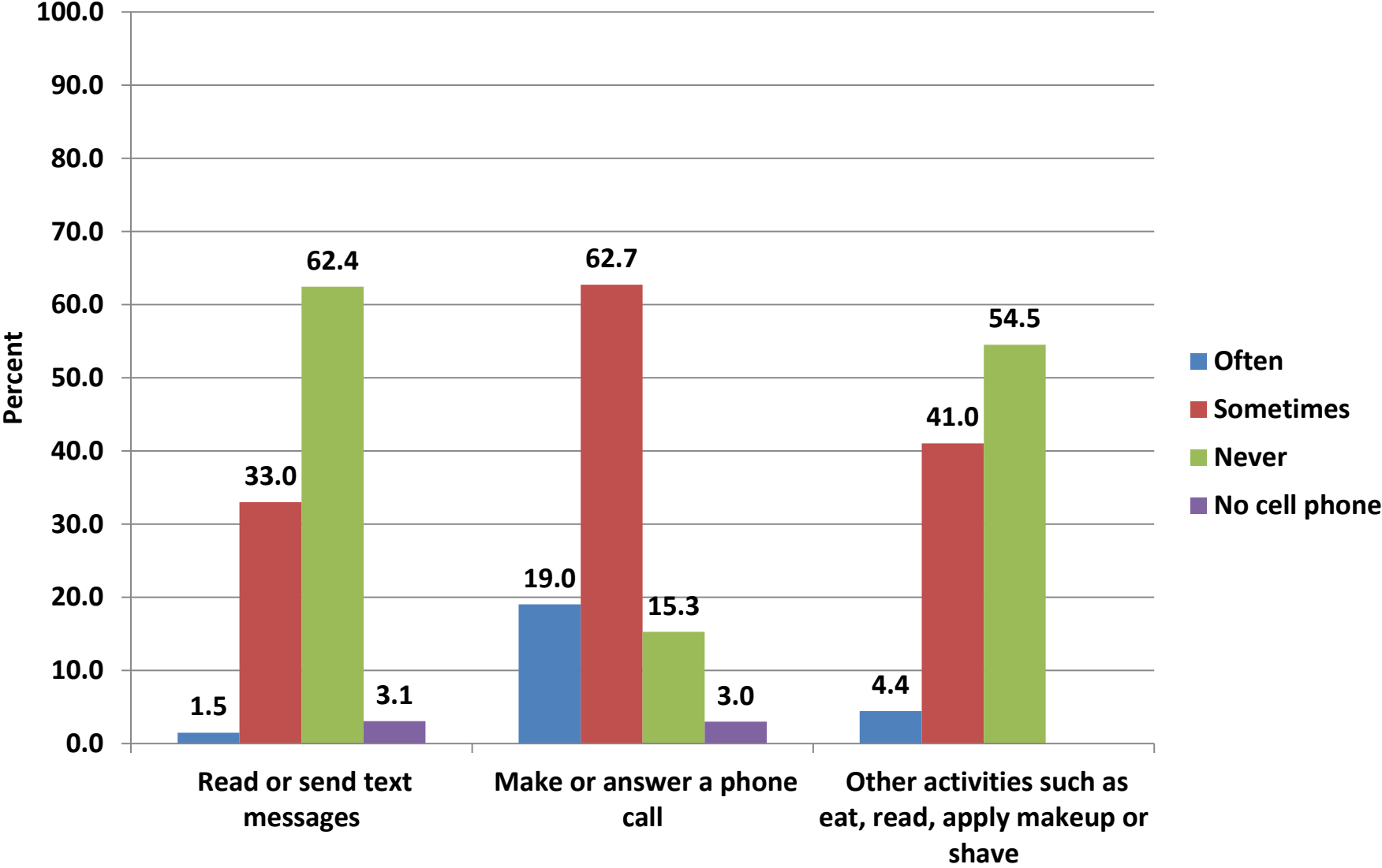
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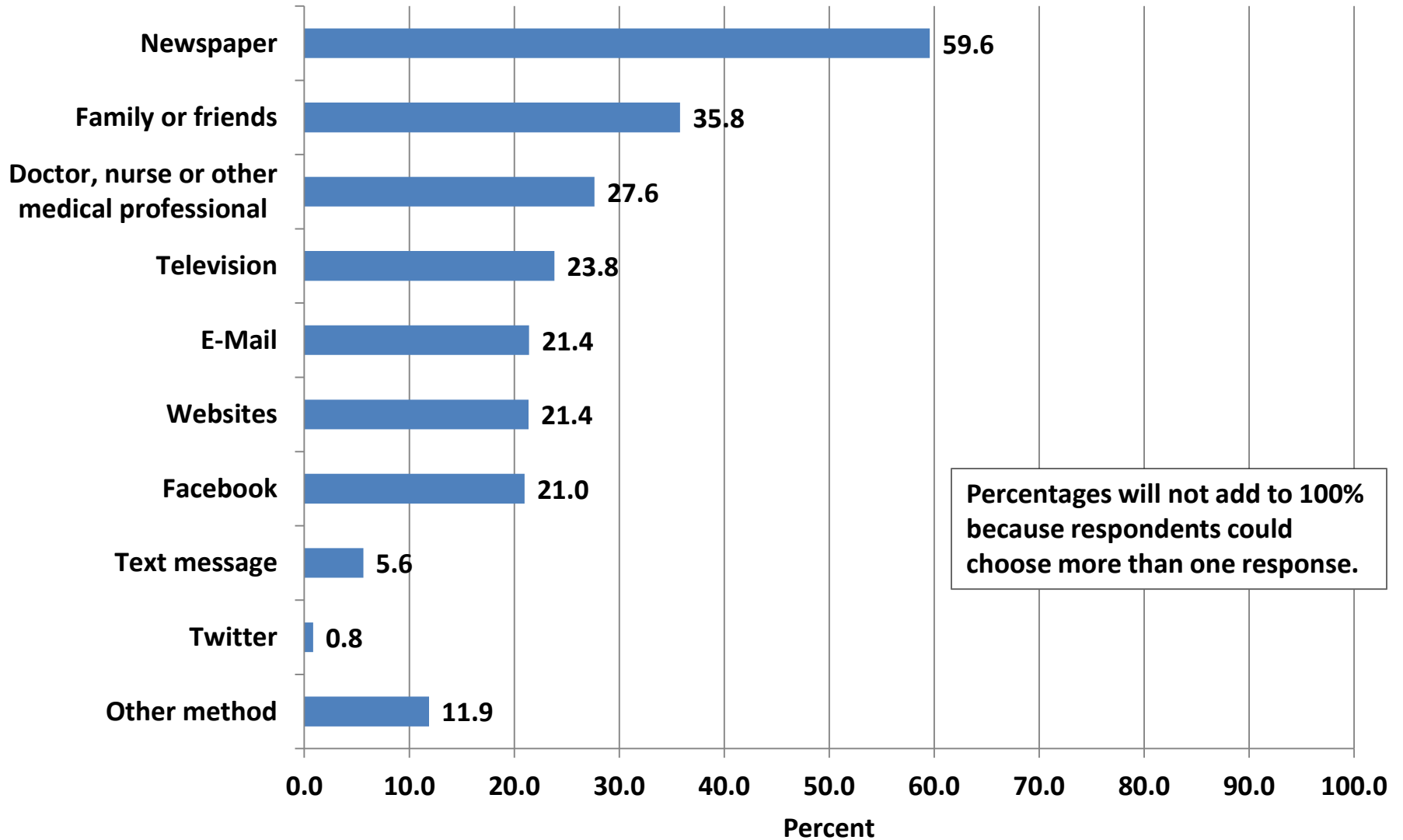
Other Topics

Distracted driving among those who ever drive (97%) Crow Wing County adults, 2014



How prefer to hear about health information/events

Crow Wing County adults, 2014



Familiarity with *Crow Wing Energized* initiative Crow Wing County adults, 2014

